

HUNTSMAN

Enriching lives through innovation

Thermoplastics



This product selection and the related properties are valid for:

Zone 1 (EMEA)
Zone 2 (APAC)



Thermopl

Adhesion Promoters for PVC Plastisols • Euretek®

Product range	Characteristics	Viscosity [Pa s]	Amine value [mg KOH/g]	EEC Labelling	Colour (Gardner)
Euretek 3606	Polyamidoamine preparation	0.5-1.0 at 75°C	150-170	free	≤ 12
Euretek 3607	Polyamidoamine preparation	9.0-19.0 at 25°C	220-245	free	≤ 12
Euretek 505	Polyamidoamine preparation	1.0-1.5 at 75°C	380-400	Xi	≤ 12
Euretek 510	Polyamidoamine preparation	3.0-5.0 at 75°C	190-210	Xi	≤ 10
Euretek 514 S	Polyamidoamine preparation	2.9-3.1 at 75°C	237-253	Xi	≤ 12
Euretek 530	Polyamidoamine preparation	7.0-12.0 at 25°C	190-210	free	≤ 12
Euretek 531	Polyamidoamine preparation	12.5-22.5 at 25°C	180-210	Xi	≤ 12
Euretek 540	Polyamidoamine preparation	2.2-4.0 at 75°C	440-500	Xi	≤ 12
Euretek 541	Polyamidoamine preparation	12.0-18.0 at 25°C	170-190	free	≤ 10
Euretek 545	Polyamidoamine preparation	1.0-2.5 at 75°C	350-380	Xi	≤ 14
Euretek 547	Polyamidoamine preparation	0.1-0.3 at 50°C	200-240	Xi	≤ 10
Euretek 549	Polyamidoamine preparation	5.0-9.0 at 50°C	265-305	Xn	≤ 12

Hot Melt Adhesives • Euremelt®

Product range	Characteristics	Softening point [°C]	Melt viscosity [Pa s]	Amine value [mg KOH/g]	Acid value [mg KOH/g]	Colour (Gardner)
Rigid polyamides • Euremelt®						
Euremelt 930	Copolyamide	105-115	2.1-2.7 at 165 °C	≤ 6	≤ 8	≤ 10
Euremelt 1133	Copolyamide	128-136	2.0-3.0 at 165 °C	≤ 4	≤ 9	-
Euremelt 1155	Copolyamide	155-165	3.8-5.0 at 180 °C	≤ 2	≤ 8	≤ 8
Euremelt 1165	Copolyamide	170-180	0.11-0.15 at 200 °C	≤ 3	≤ 10	≤ 8
Euremelt 1166	Copolyamide	172-178	0.2-0.4 at 180 °C	≤ 4	≤ 7	≤ 8
Euremelt 1174	Copolyamide	170-180	5.0-8.0 at 210 °C	≤ 5	≤ 8	≤ 10
Euremelt 1175	Copolyamide	175-185	3.0-4.4 at 210 °C	≤ 2	≤ 10	≤ 8
Flexible polyamides • Euremelt®						
Euremelt 2095	Copolyamide	90-100	0.9-1.5 at 160 °C	≤ 5	≤ 7	≤ 10
Euremelt 2096	Copolyamide	92-102	2.1-2.7 at 160 °C	≤ 3	≤ 8	≤ 10
Euremelt 2110	Copolyamide	100-110	33.0-43.0 at 160 °C	≤ 3	≤ 8	≤ 8
Euremelt 2115	Copolyamide	110-120	5.0-7.0 at 160 °C	≤ 4	≤ 8	≤ 10
Euremelt 2130	Copolyamide	125-135	3.0-4.6 at 200 °C	≤ 7	≤ 7	≤ 15
Euremelt 2135	Copolyamide	130-136	2.4-3.4 at 200 °C	≤ 3	≤ 8	≤ 8
Euremelt 2137	Copolyamide	140-150	3.5-5.5 at 210 °C	≤ 2	≤ 8	≤ 8
Euremelt 2138	Copolyamide	138-148	12.0-18.0 at 200 °C	≤ 4	≤ 6	≤ 10
Euremelt 2140	Copolyamide	135-145	7.6-10.0 at 225 °C	≤ 9	≤ 2	≤ 6
Euremelt 2147	Copolyamide	137-145	1.05-1.55 at 180 °C	41 - 49	≤ 2	≤ 10
Euremelt 2151	Copolyamide	150-160	7.0-9.0 at 190 °C	≤ 6	≤ 6	≤ 12
Euremelt 2166	Copolyamide	163-169	1.8-2.6 at 180 °C	≤ 3	≤ 7	≤ 10
Euremelt 2170	Copolyamide	167-175	5.2-6.4 at 200 °C	≤ 2	≤ 9	≤ 10
Euremelt 2194	Copolyamide	188-195	33.0-38.0 at 220 °C	≤ 2	≤ 2	≤ 10
Euremelt 2210	Copolyamide	197-209	4.5-6.5 at 220 °C	≤ 6	≤ 6	≤ 7
Euremelt 2320	Copolyamide	121-127 ¹⁾	110-130 at 220 °C	≤ 2	≤ 3	≤ 4
Euremelt 2821	Copolyamide	121-127 ¹⁾	70.0-90.0 at 220 °C	≤ 5	≤ 6	≤ 6
Euremelt 2838	Copolyamide	135-145	4.0-6.0 at 210 °C	≤ 2	≤ 10	-
Euremelt 2840	Copolyamide	135-145	15.0-21.0 at 200 °C	≤ 13	≤ 2	≤ 6
Euremelt 2888	Copolyamide	185-190	4.0-6.0 at 200 °C	≤ 7	≤ 2	≤ 10
Euremelt 2898	Copolyamide	94-98	11.0-13.0 at 150 °C	≤ 2	≤ 20	≤ 8
TS 03413	Copolyamide	150-160	2.8-4.0 at 210 °C	≤ 3	≤ 10	-
TS 03413 S	Copolyamide	150-160	2.8-4.0 at 210 °C	≤ 3	≤ 10	black

¹⁾ Kofler

Binders for Printing Inks and Varnishes • Eurelon®

Product range	Characteristics	Softening point [°C]	Melt viscosity [Pa s]	Amine value [mg KOH/g]	Acid value [mg KOH/g]	Colour (Gardner)
Co-solvent soluble polyamide resins (for flexo- and rotogravure printing) • Eurelon®						
Eurelon 930	Copolyamide	105-115	2.1-2.7 at 165 °C	≤ 6	≤ 8	≤ 10
Eurelon 931	Copolyamide	105-115	1.8-2.8 at 165 °C	≤ 5	≤ 6	≤ 10
Eurelon 940	Copolyamide	105-115	1.0-2.0 at 165 °C	≤ 5	≤ 6	≤ 10
Eurelon 945	Copolyamide	99-105	0.95-1.55 at 165 °C	≤ 6	≤ 6	≤ 10
Eurelon 946	Copolyamide	98-108	0.6-1.3 at 165 °C	≤ 9	≤ 7	≤ 10
Eurelon 961	Copolyamide	125-135	0.7-1.2 at 150 °C	≤ 7	≤ 7	≤ 10
Eurelon 964	Copolyamide	143-153	0.05-0.15 at 160 °C	≤ 6	≤ 6	≤ 10
Eurelon 970	Copolyamide	105-115	1.3-2.1 at 160 °C	≤ 6	≤ 5	≤ 10
Eurelon 990	Copolyamide	105-115	1.7-2.7 at 165 °C	≤ 3	≤ 12	≤ 9
Eurelon 1112	Copolyamide	105-115	3.1-4.1 at 190 °C	≤ 2	≤ 12	≤ 10
Ethanol soluble polyamide resins (for flexo- and rotogravure printing) • Eurelon®						
Eurelon 962	Copolyamide	105-115	0.3-0.4 at 160 °C	≤ 7	≤ 7	≤ 10
Eurelon 965	Copolyamide	109-119	0.4-1.0 at 160 °C	≤ 5	≤ 6	≤ 10
Eurelon 966	Copolyamide	122-128	0.2-0.3 at 160 °C	≤ 5	≤ 5	≤ 10
Eurelon 969	Copolyamide	97-107	0.4-0.7 at 160 °C	≤ 8	≤ 5	≤ 15
Eurelon 975	Copolyamide	171-181	9.0-13.0 at 230 °C	≤ 5	≤ 6	≤ 8
Polyamide resins with good "slip" and "release" properties (for flexo- and rotogravure printing) • Eurelon®						
Eurelon 950	Copolyamide wax modified	92-98	0.3-0.7 at 165 °C	≤ 5	≤ 6	≤ 10
Eurelon 951	Copolyamide wax modified	130-140	0.15-0.25 at 160 °C	≤ 4	≤ 8	≤ 10
Eurelon 956	Copolyamide wax modified	110-120	0.4-0.6 at 160 °C	≤ 7	≤ 6	≤ 10
Eurelon 957	Copolyamide wax modified	118-128	0.3-0.5 at 160 °C	≤ 5	≤ 5	≤ 10
Special polyamide resins • Eurelon®						
Eurelon 913	Polyamide resin ¹⁾	125-135	0.5-1.0 at 150 °C	3.0-6.5	3.0-7.0	≤ 10
Eurelon 980	Polyamide resin ²⁾	150-170	25.0-55.0 at 200 °C	15-25	90-110	-
Eurelon 900	Polyamide resin ³⁾	180-190	0.3-0.4 at 200 °C	≤ 7	≤ 7	≤ 10
Eurelon 936	Polyamide resin ³⁾	105-110	0.03-0.11 at 160 °C	1.4-7.0	3.0-6.5	≤ 10

¹⁾ Toner for copier • ²⁾ Water reducible flexographic inks • ³⁾ Thixotropic agent for alkyd resins

Product range	Characteristics	Solids content [%]	Viscosity 25°C [mPa s]	Amine value [mg KOH/g]	Epoxy equiv. [g/Eq]	Colour (Gardner)
Two-component systems (for thermosetting inks and lacquers) • Eurelon®						
Eurelon 760	Solution of Epoxy Resin ¹⁾	48-52	40-80	-	862-1 099	≤ 8
Eurelon 860	Solution of Polyamide ¹⁾	48-52	200-500	20-34	-	≤ 8
Eurelon 761	Solution of Epoxy Resin ²⁾	46-50	-	-	350-410	≤ 8
Eurelon 861	Solution of Polyamide ³⁾	38-42	100-350	11-16	-	≤ 8

¹⁾ toluene/ethanol • ²⁾ ethyl acetate • ³⁾ ethanol/i-propanol

Nomenclature of Surface Technologies

Huntsman Advanced Materials registered trademarks for the commercial products within this specific market are as following:

- Eurelon®, for co-/polyamide resins (binders)
- Euremelt®, for polyamide resins
- Euretek®, for adhesion promoters for PVC plastisols

Safety and handling precautions

The Material Safety Data Sheet (MSDS) should be consulted prior to handling any of here listed products.

HUNTSMAN

Enriching lives through innovation

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More detailed data about these products can be obtained by using the Product Finder on our website:

www.huntsman.com/advanced_materials

There you may also download the Technical Data Sheet (TDS) of the product of your choice.

For any other information, you will reach us by writing an e-mail to:
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