

Lustran E112LG

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TECHNICAL DATASHEET

DESCRIPTION

Lustran® E112LG is a very low-gloss, medium impact ABS (acrylonitrile butadiene styrene) designed for extrusion/thermoforming applications. It provides a consistent low-gloss appearance in both mono-layer and co-extruded applications.

FEATURES

- Very low gloss
- Medium impact strength
- Ease of coloring
- UL 94 HB rated

APPLICATIONS

- Motor vehicle dashboards
- Interior panels
- Interior trim

Property, Test Condition	Standard	Unit	Values
Rheological Properties			
Melt Volume Rate, 220 °C/10 kg	ISO 1133	cm ³ /10 min	7
Mechanical Properties			
Charpy Notched Impact Strength, 23 °C	ISO 179/1eA	kJ/m ²	11
Charpy Notched Impact Strength, -30 °C	ISO 179/1eA	kJ/m ²	9
Tensile Stress at Yield, 23 °C	ISO 527	MPa	28
Tensile Strain at Yield, 23 °C	ISO 527	%	2.9
Tensile Stress at Break, 23 °C	ISO 527	MPa	32
Tensile Modulus	ISO 527	MPa	1600
Thermal Properties			
Vicat Softening Temperature VST/B/50 (50N, 50 °C/h)	ISO 306	°C	95
Other Properties			
Density	ISO 1183	kg/m ³	1040
Processing			
Drying Temperature	-	°C	80
Drying Time	-	h	2 - 4