

Lustran 532

Acrylonitrile Butadiene Styrene (ABS)

TECHNICAL DATASHEET

DESCRIPTION

Lustran® 532 is a medium gloss, medium-impact ABS (acrylonitrile butadiene styrene) grade designed for extrusion. It provides an excellent processability and stable color base for self coloring.

FEATURES

- Medium Gloss
- Medium Impact Strength

APPLICATIONS

- Extrusion
- Edge Bands
- Profiles
- Pipes
- Sheets

Property, Test Condition	Standard	Unit	Values
Rheological Properties			
Melt Volume Rate, 220 °C/10 kg	ISO 1133	cm ³ /10 min	8.5
Mechanical Properties			
Charpy Notched Impact Strength, 23° C	ISO 179/1eA	kJ/m ²	17
Charpy Notched Impact Strength, -30 °C	ISO 179/1eA	kJ/m ²	8
Tensile Stress at Yield, 23 °C	ISO 527	MPa	48
Tensile Strain at Yield, 23 °C	ISO 527	%	2.6
Tensile Stress at Break, 23 °C	ISO 527	MPa	36
Tensile Strain at Break, 23 °C	ISO 527	%	60
Tensile Modulus	ISO 527	MPa	2000
Flexural Strength, 23 °C	ISO 178	MPa	60
Thermal Properties			
Vicat Softening Temperature VST/B/50 (50N, 50 °C/h)	ISO 306	°C	101
Other Properties			
Density	ISO 1183	kg/m ³	1040
Processing			

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Property, Test Condition	Standard	Unit	Values
Drying Temperature	-	°C	80
Drying Time	-	h	2 - 4