

Lustran® 532
ABS

INEOS Styrolution

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.
This grade is specifically designed for furniture edge band applications.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	8.5	cm³/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2000	MPa	ISO 527
Yield stress	48	MPa	ISO 527
Yield strain	2.6	%	ISO 527
Stress at Break	36	MPa	ISO 527
Strain at Break	60	%	ISO 527
Notched Impact Strength (Charpy), +23°C	17	kJ/m²	ISO 179/1eA
Notched Impact Strength (Charpy), -30°C	8	kJ/m²	ISO 179/1eA
Flexural strength	60	MPa	ISO 178

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, 50°C/h 50N	101	°C	ISO 306

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-

Characteristics

Processing

Profile Extrusion, Sheet Extrusion, Other Extrusion, Pipe/Tube Extrusion

Features

Color Stability