

Technical Data Sheet

Moplen PPU1752HL23



Polypropylene, Impact Copolymer

Product Description

Moplen PPU 1752HL23 is copolymer polypropylene. The grade features medium rigidity and medium impact. Typical customer applications are automotive interior trims. The grade is UVStabilized for interior applications. The grade is available in natural, pellet form.

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Europe; South & Central America
Application	Interior Automotive Applications
Market	Automotive
Attribute	Copolymer; Good Surface Finish; Good UV Resistance; High Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	15	g/10 min	ISO 1133-1
Density	0.90	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	1100	MPa	ISO 178
Tensile Stress at Break	17	MPa	ISO 527-1, -2
Tensile Stress at Yield	24	MPa	ISO 527-1, -2
Tensile Strain at Yield	7	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C, Type 1, Edgewise, Notch A)	10	kJ/m ²	ISO 179
(0 °C, Type 1, Edgewise, Notch A)	5	kJ/m ²	ISO 179
(-20 °C, Type 1, Edgewise, Notch A)	4	kJ/m ²	ISO 179
Thermal			
Vicat Softening Temperature, (A50)	148	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	78	°C	ISO 75B-1, -2