

## 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.

<b>Application</b>	Interior Automotive Applications
<b>Market</b>	Automotive
<b>Attribute</b>	Copolymer; Good Surface Finish; Good UV Resistance; High Flow

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	15	g/10 min	ISO 1133-1
Density	0.90	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
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
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C, Type 1, Edgewise, Notch A)	10	kJ/m <sup>2</sup>	ISO 179
(0 °C, Type 1, Edgewise, Notch A)	5	kJ/m <sup>2</sup>	ISO 179
(-20 °C, Type 1, Edgewise, Notch A)	4	kJ/m <sup>2</sup>	ISO 179
<b>Thermal</b>			
Vicat Softening Temperature, (A50)	148	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	78	°C	ISO 75B-1, -2