



Hifax PPU 1752S2S003

Compounded Polyolefin

Product Description

"Hifax" PPU 1752S2S003 is a polypropylene copolymer with medium rigidity and medium impact resistance. The grade is UV-stabilized for exterior applications. The grade is available in custom colour and black standard.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, Asia-Pacific, Africa-Middle East, Latin America
Features	Copolymer
Typical Customer Applications	Exterior Applications

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	0.900 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	15 g/10 min
Mechanical		
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	23 MPa
Flexural modulus (Secant)	ISO 178	1100 MPa
Impact		
Charpy notched impact strength (23 °C, Type 1, Edgewise, Notch A, Complete Break)	ISO 179	9.00 kJ/m ²
(0 °C, Type 1, Edgewise, Notch A, Complete Break)		6.00 kJ/m ²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	90 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	50 °C

Additional Properties

Elongation at break, ISO 527/1+2, 50 mm/min: >50 %

Notes

Typical properties; not to be construed as specifications.

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- ┆ Equistar Chemicals, LP
- ┆ Basell Sales & Marketing Company B.V.
- ┆ Basell Asia Pacific Limited
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- ┆ LyondellBasell Australia Pty Ltd

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Users should review the applicable Material Safety Data Sheet before handling the product.

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