

Hostacom PPR 1042 HL21S

Compounded Polyolefin

Product Description

Hostacom PPR 1042 HL21S is a polypropylene copolymer with medium flow for interior applications.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, North America, Latin America
Features	Copolymer

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	0.90 g/cm ³
Melt volume flow rate (230°C/2.16Kg)	ISO 1133	5.7 cm ³ /10min
Mechanical		
Tensile Modulus (Secant)	ISO 527-1, -2	1150 MPa
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	25 MPa
Tensile Strain at Yield (50 mm/min)	ISO 527-1, -2	8.0 %
Impact		
Charpy unnotched impact strength (23 °C, Type 1, Edgewise)	ISO 179	No Break kJ/m ²
Charpy notched impact strength (23 °C, Type 1, Edgewise, Notch A)	ISO 179	12 kJ/m ²
Thermal		
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	59 °C
Vicat softening temperature (B50 (50°C/h 50N))	ISO 306	76 °C

Notes

Typical properties; not to be construed as specifications.

