Hostacom DKG728P

Compounded Polyolefin

Product Description

Hostacom DKG728P medium melt flow, 9,500 MPa flexural modulus, UV-stabilized, chemically coupled, 40% glass fiber-reinforced polypropylene homopolymer has an excellent combination of properties and processability. It was designed primarily for automotive applications that require very high stiffness and resistance to deflection under load.

Product Characteristics

Status	Commercial: Proprietary
Test Method used	ISO
Availability	North America
Processing Methods	Injection Molding
Features	Chemically Coupled, Good Dimensional Stability, Good Moldability , High Rigidity , Good Weather Resistance
Typical Customer Applications	Exterior Applications, Under-the-Hood & Structural Applications

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.24	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	13	g/10 min
Note: Alternative test method is ASTM D 1238-01.			
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	105	MPa
Tensile Strain at Yield	ISO 527-1, -2	2	%
Flexural modulus	ISO 178	9500	MPa
Impact			
Notched izod impact strength (23 °C)	ISO 180	9	kJ/m²
Thermal			
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	151	°C
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact Basell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.