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## 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**

Test Method used ISO

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		