

## Hostacom HKG743T

## **Compounded Polyolefin**

## **Product Description**

*Hostacom* HKG743T black, 40% glass/ mineral-reinforced polypropylene homopolymer has exceptional stiffness and good dimensional stability. It was designed primarily as a potential replacement for more costly engineering thermoplastics. Typical applications include automotive underhood components, instrument panel substrates, and electronic housings.

Product Characteristics				
Status	Commercial: Active			
Test Method used	ISO			
Processing Methods	Injection Moldin	g		
Features	Chemically Coupled, Homopolymer, Good Impact Resistance , Good Moldability , High Rigidity			
Typical Customer Applications	Under-the-Hood & Structural Applications			
Typical Properties		Method	Value	Unit
Physical				
Density		ISO 1183	1.22	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)		ISO 1133	8	g/10 min
Note: Alternative test method is ASTN	ND 1238-01.			
Mechanical				
Tensile Stress at Yield		ISO 527-1, -2	76	MPa
Tensile Strain at Yield		ISO 527-1, -2	3	%
Flexural modulus		ISO 178	7000	MPa
Impact				
Notched izod impact strength		ISO 180		
(23 °C)			8.0	kJ/m²
(-40 °C)			5.7	kJ/m²
Thermal				
Heat deflection temperature B (0.45 M	Pa) Unannealed	ISO 75B-1, -2	150	°C
Heat deflection temperature A (1.80 M	Pa) Unannealed	ISO 75A-1, -2	141	°C
Additional Information				
Mold shrinkage		ISO 294-4		
Note: Please contact Basell for shrink	age recommend	ations.		

## Notes

Typical properties; not to be construed as specifications.



