Hostacom TKS708D

Compounded Polyolefin

Product Description

Hostacom TKS708D medium high melt flow, 1,300 MPa flexural modulus, UV-stabilized, high impact thermoplastic elastomeric olefin (TEO) resin has an excellent combination of properties and processability. It was designed for applications that require good low temperature impact resistance, moderate rigidity, and excellent aesthetics.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Processing Methods	Injection Molding
Features	Good Colorability, Medium Flow, High Gloss , Low Temperature Impact Resistance, Good Moldability , Scratch Resistant
Typical Customer Applications	Automotive Parts, Other Industrial

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.91	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	15	g/10 min
Note: Alternative test method is ASTM D 1238-01.			
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	27	MPa
Tensile Strain at Break	ISO 527-1, -2	400	%
Tensile Strain at Yield	ISO 527-1, -2	10	%
Flexural modulus	ISO 178	1300	MPa
Impact			
Notched izod impact strength	ISO 180		
(23 °C)		14	kJ/m²
(0 °C)		3.0	kJ/m²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	93	°C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	57	°C
Optical			
Gloss (60°)	ASTM D 2457	>85	
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact Basell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.