

Hostacom TKS709D

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

Hostacom TKS709D medium high melt flow, 1,600 MPa flexural modulus, UV-stabilized, thermoplastic elastomeric olefin (TEO) resin has an excellent combination of properties and processability. It was designed for applications that require excellent aesthetics and a good balance of stiffness and impact performance.

General Information			
Additive	UV Stabilizer		
Features	Good Colorability		
	Good Moldability		
	High Gloss		
	High Rigidity		
	Scratch Resistant		
Uses	Industrial Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	33.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	8.0	%	
Break	350	%	
Flexural Modulus	1600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
0°C	1.5	kJ/m ²	
23°C	3.8	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	104	°C	ISO 75-2/B
1.8 MPa, Unannealed	66.0	°C	ISO 75-2/A
Optical	Nominal Value		Test Method
Gardner Gloss (60°)	> 85		ASTM D523

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