

Hostacom TKS736D

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

This information has been secured during the course of product development. Both the product and its properties are subject to change before final commercialization.

Hostacom TKS736D medium melt flow, 990 MPa flexural modulus, precolored, UV-stabilized thermoplastic elastomeric olefin (TEO) resin has an excellent combination of stiffness, impact resistance and processability. It was designed primarily for outdoor applications that require high durability.

General Information			
Additive	UV Stabilizer		
Features	Good Impact Resistance		
	Good Moldability		
	Good UV Resistance		
	High Gloss		
	Scratch Resistant		
Uses	Industrial Applications		
	Outdoor Applications		
Appearance	Unspecified Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.0	MPa	ASTM D638
Tensile Elongation (Yield)	23	%	ASTM D638
Flexural Modulus	990	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	37	J/m	
23°C	530	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	79.0	°C	
1.8 MPa, Unannealed	49.0	°C	
Optical	Nominal Value		Test Method
Gloss (60°)	> 85		ASTM D2457

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