Hostacom DKC 179N

Polypropylene Alloy

LyondellBasell Industries

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Technical Data

Product Description			
PP/EPR-Blend, 20% mineral filled, impact modified			
General			
Material Status	• Commercial: Active		
Literature [1]	• Processing - Mold Shrink (English) • Technical Datasheet (English)		
Search for UL Yellow Card	• LyondellBasell Industries • Hostacom		
Availability	• Europe		
Filler / Reinforcement	• Mineral, 20% Filler by Weight		
Additive	• Impact Modifier	• UV Stabilizer	
Features	• Copolymer • Good Scratch Resistance	• Impact Modified • Medium Flow	• Non-Toxic • UV Resistant
Uses	• Automotive Applications	• Automotive Interior Parts	

Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Molding Shrinkage [3]			ISO 2554
Across Flow : 23°C, 48 hr	1.3	%	
Flow : 23°C, 48 hr	0.70	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	2000	MPa	ISO 527-1
Tensile Stress (Yield)	18.0	MPa	ISO 527-2
Tensile Strain (Break)	35	%	ISO 527-2
Flexural Modulus	2150	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength			ISO 179
-30°C	4.0	kJ/m²	
23°C	30	kJ/m²	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			ISO 75-2/B
0.45 MPa, Unannealed	110	°C	
Vicat Softening Temperature	135	°C	ISO 306/A50

Notes

[1] These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

[2] Typical properties: these are not to be construed as specifications.

[3] 40 bar, plaques

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