

Hifax TKC 123 X

Polypropylene

LyondellBasell Industries

Message:

PP/EPR-Blend, 30%mineralfilled, impact modified

General Information			
Filler / Reinforcement	Mineral,30% Filler by Weight		
Additive	Impact Modifier		
Features	Impact Modified		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Shrinkage ¹			ISO 2554
l	0.30	%	
q	0.50	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1870	MPa	ISO 527-2
Tensile Stress (Yield)	17.0	MPa	ISO 527-2
Tensile Strain (Break)	30	%	ISO 527-2
Flexural Modulus	2050	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	3.5	kJ/m ²	
23°C	21	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow (-30 to 85°C)	3.6E-5	cm/cm/°C	DIN 53752
NOTE			

1. after 48 hr/RT at 40 bar, on
plaques

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