

# Hifax TKC 115X Black

Polypropylene

LyondellBasell Industries

## Message:

"Hifax" TKC 115X is a 30% mineral filled, impact modified polypropylene copolymer for injection molding. It combines excellent stiffness/impact balance, excellent dimensional stability, and very low shrinkage with good flowability properties. The grade has been specifically designed for molding of automotive painted exterior trim parts. The grade is available in black, pellet form.

General Information			
Filler / Reinforcement	Mineral,30% Filler by Weight		
Additive	Impact Modifier		
Features	Good Dimensional Stability		
	Good Flow		
	Good Impact Resistance		
	Good Stiffness		
	Impact Modified		
	Low Shrinkage		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Shrinkage			ISO 2554
23°C <sup>1</sup>	0.50	%	
23°C <sup>2</sup>	0.30	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1800	MPa	ISO 527-2/50
Tensile Stress (Yield, 23°C)	16.0	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	25	%	ISO 527-2/50
Flexural Modulus <sup>3</sup> (23°C)	2000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	3.5	kJ/m <sup>2</sup>	
23°C	No Break		
NOTE			
1.	48 hr, 40 bar, q.		
2.	48 hr, 40 bar, l.		
3.	2.0 mm/min		

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