

Hifax EKC 287P

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

"Hifax" EKC 287P is a medium flow, 10% mineral filled, highly UV stabilized, high impact polypropylene copolymer with excellent scratch resistant suitable for injection molding. The grade has been specifically designed for molding unpainted large complex parts that require a high impact strength as well as a good stiffness by keeping a very good surface quality under heavy use. This grade is available in custom color, pellet form.

General Information			
Filler / Reinforcement	Mineral,10% Filler by Weight		
Additive	UV Stabilizer		
Features	Good Abrasion Resistance		
	Good Color Stability		
	Good Moldability		
	Good Stiffness		
	Good UV Resistance		
	Good Weather Resistance		
	High Impact Resistance		
	Impact Copolymer		
	Medium Flow		
	Pleasing Surface Appearance		
Uses	Automotive Applications		
	Automotive Exterior Parts		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	14	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	16.0	MPa	ISO 527-2/50
Tensile Strain (Break)	100	%	ISO 527-2/50
Flexural Modulus - Secant	1300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	6.0	kJ/m ²	

-20℃	8.0	kJ/m ²	
23℃	No Break		
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	125	℃	ISO 306/A50

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

