

Hifax CA 60 A

Polyolefin

LyondellBasell Industries

Message:

Hifax CA 60 A is a reactor TPO (thermoplastic polyolefin) manufactured using the LyondellBasell's proprietary Catalloy process technology. It has been developed for industrial applications where a combination of good processability and excellent softness is required. Due to the high fluidity Hifax CA 60 A shows high compatibility to fillers and to flame retardant additives as well as to other polyolefins. The grade is available in natural pellet form.

General Information			
Features	Ductile		
	Good Flexibility		
	Good Processability		
	High Flow		
	High Impact Resistance		
	Low Hardness		
	Soft		
Uses	Building Materials		
	Construction Applications		
	Industrial Applications		
	Outdoor Applications		
	Plastics Modification		
	Profiles		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Calendering		
	Compounding Extrusion		
	Extrusion Coating		
	Injection Molding		
	Pipe Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.880	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	14	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	30		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	6.00	MPa	ISO 527-2

Tensile Strain (Break)	> 500	%	ISO 527-2
Flexural Modulus	80.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (-20°C)	80	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	40.0	°C	ISO 75-2/B
Vicat Softening Temperature	56.0	°C	ISO 306/A50
Melting Temperature	142	°C	ISO 11357-3

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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

