

Hifax CA 212 A

Polyolefin
LyondellBasell Industries

Message:

Hifax CA 212 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. The grade is available in natural pellet form.

General Information			
Features	Good Flexibility		
	Good Processability		
	High Flow		
	High Impact Resistance		
	Low Hardness		
	Low Temperature Impact Resistance		
	Soft		
Uses	Building Materials		
	Construction Applications		
	Film		
	Sealants		
	Wire & Cable Applications		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Calendering		
	Compounding 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)	8.0	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			ISO 180/1A
-40°C	> 40	kJ/m ²	

-20°C	No Break		
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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