



## Hifax CA 7320 A

### Advanced Polyolefin

#### Product Description

Hifax CA 7320 A is a reactor TPO (thermoplastic polyolefin) manufactured using the LyondellBasell's proprietary *Catalloy* process technology. It is designed for use in compounds where it shows high efficiency as impact modifier. It gives excellent processability whilst maintaining optimum mechanical properties. The grade is available in natural pellet form. For regulatory compliance information see *Hifax CA 7320 A Regulatory Affairs Product Stewardship Information/Certification Data Sheet (RAPIDS)*, which can be found on [www.polymers.lyondellbasell.com](http://www.polymers.lyondellbasell.com).

#### Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Processing Methods	Extrusion Compounding, Injection Molding
Features	High Impact Resistance , Low Temperature Impact Resistance, Good Moldability , Good Processability
Typical Customer Applications	Exterior Applications, Impact modification

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density (Method A)	ISO 1183	0.88	g/cm <sup>3</sup>
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	2.5	g/10 min
<b>Mechanical</b>			
Tensile Stress at Break	ISO 527-1, -2	10	MPa
Tensile Strain at Break	ISO 527-1, -2	500	%
Flexural modulus	ISO 178	200	MPa
<b>Impact</b>			
Notched izod impact strength (-50 °C, Type 1, Notch A)	ISO 180	No Break	
<b>Hardness</b>			
Shore hardness (Shore D)	ISO 868	32	
<b>Thermal</b>			
Vicat softening temperature (A50 (50°C/h 10N))	ISO 306	60	°C
Melting temperature	DSC	162	°C
Note: ISO 11357-3			

#### Notes

Typical properties; not to be construed as specifications.

