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.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, North America, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
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
Physical			
Density (Method A)	ISO 1183	0.88	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	2.5	g/10 min
Mechanical			
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
Impact			
Notched izod impact strength (-50 °C, Type 1, Notch A)	ISO 180	No Break	
Hardness			
Shore hardness (Shore D)	ISO 868	32	
Thermal			
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.