

# Hifax CA 138 A

Thermoplastic Polyolefin Elastomer  
LyondellBasell Industries

Message:

Hifax CA 138 A is a reactor TPO (thermoplastic polyolefin) manufactured using the LyondellBasell's proprietary Catalloy process technology. This grade is suitable for use in compounds as impact modifier, to give excellent processability whilst maintaining optimum mechanical properties. The grade is available in natural pellet form.

General Information			
Features	Good Moldability		
	Good Processability		
	High Impact Resistance		
	Low Temperature Impact Resistance		
Uses	Compounding		
	Outdoor Applications		
	Plastics Modification		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Compounding Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.880	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.8	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 15 sec)	41		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	10.0	MPa	
Break	12.0	MPa	
Tensile Strain			ISO 527-2
Yield	17	%	
Break	350	%	
Flexural Modulus	400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-40°C	80	kJ/m <sup>2</sup>	
23°C	No Break		

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	55.0	°C	ISO 75-2/B
Vicat Softening Temperature	90.0	°C	ISO 306/A50
Melting Temperature	161	°C	ISO 11357-3

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### 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

