

Generic OBC

Olefin Block Copolymer

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic OBC
This information is provided for comparative purposes only.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.866 to 0.877	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.50 to 15	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (23°C)	55 to 83		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1.30 to 3.82	MPa	ASTM D638
Tensile Strength (Break, 23°C)	1.21 to 13.2	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	370 to 1500	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break, 23°C)	3.00 to 17.0	MPa	ASTM D412
Tensile Elongation (Break, 23°C)	770 to 2200	%	ASTM D412
Tear Strength (23°C)	17.0 to 52.0	kN/m	ASTM D624
Compression Set	15 to 46	%	ASTM D395
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	119 to 120	°C	ISO 3146

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