

Adflex Q 302 B

Advanced Polyolefin

Product Description

Adflex Q 302 B is a reactor TPO (thermoplastic polyolefin) manufactured using LyondellBasell's proprietary *Catalloy* process technology. It is an innovative material that resists gas fading and brings a warm and sensual feel, creating a truly unique sensation.

Part of a family of polymers with a soft, velvety texture, *Adflex* Q 302 B resin enables packagers to give their products a distinct edge over conventional plastics. Bottles blow molded from *Adflex* Q 302 B resin conveys an upscale, quality image that enhances point of purchase appeal. The unique texture is also ideal for applications requiring a no-slip surface, such as shower soaps and lotions.

For regulatory compliance information, see the $\it Adflex$ Q 302 B Product Stewardship Bulletin (PSB).

Commercial: Active			
ISO			
Extrusion Blow Molding, Injection Blow Molding			
Good Chemical Resistance, High ESCR (Environmental Stress Cracking Resistance), Gas-fading Resistant, High Heat Resistance , Good Puncture Resistance , Recyclable Material, High Strength , Good Surface Finish			
Blow Moulding Applications, Sports, Leisure and Toys			
	Method	Value	Unit
	ISO 1183	0.88	g/cm³
])	ISO 1133	0.9	g/10 min
	ISO 527-1, -2	9.5	MPa
	ISO 527-1, -2	8.5	MPa
	ISO 527-1, -2	>500	%
	ISO 527-1, -2	37	%
	ISO 178	350	MPa
, Type 1, Notch	ISO 180	47	kJ/m²
	ISO 868/ASTM D 2240	47	
	ISO Extrusion Blow Good Chemical Stress Crackin Heat Resistand Recyclable Mat	ISO Extrusion Blow Molding, Injection Good Chemical Resistance, Hig Stress Cracking Resistance), Ga Heat Resistance , Good Punctu Recyclable Material, High Strend Blow Moulding Applications, Spon Method ISO 1183 (a) ISO 1183 (b) ISO 1183 (c) ISO 527-1, -2 ISO 178 (c) Type 1, Notch ISO 180 ISO 868/ASTM	ISO Extrusion Blow Molding, Injection Blow Mo Good Chemical Resistance, High ESCR (Em Stress Cracking Resistance), Gas-fading R Heat Resistance , Good Puncture Resistan Recyclable Material, High Strength , Good B Blow Moulding Applications, Sports, Leisur Method Value ISO 1183 0.88 g) ISO 1183 0.88 g) ISO 1133 0.9 ISO 527-1, -2 9.5 ISO 527-1, -2 8.5 ISO 527-1, -2 8.5 ISO 527-1, -2 37 ISO 178 350 T, Type 1, Notch ISO 180 47

Notes

Typical properties; not to be construed as specifications.



