

TOTAL Polyethylene Aceso® HDPE 5502 R3

High Density Polyethylene

TOTAL Refining & Chemicals

Message:

HDPE 5502 R3 is a high density polyethylene (HDPE) with good compromise between stiffness and Environmental Stress Crack Resistance (ESCR). It has been specifically designed for the manufacture of blow molded packaging for pharmaceutical products and cosmetics liquids. However it is recommended to contact your local sales representative to obtain specific information and individual certificates regarding compliance to regulations. HDPE 5502 R3 is a pellet grade and contains antioxidants.

General Information			
Additive	Antioxidation		
Features	Antioxidation		
	Workability, good		
Uses	Cosmetic Packaging		
	Packaging		
	Blow molding applications		
	Drug packaging		
Agency Ratings	EC 1907/2006 (REACH)		
Forms	Particle		
Processing Method	Blow molding		
Physical	Nominal Value	Unit	Test Method
Density	0.954	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	22	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (100% Antarox, F50)	60.0	hr	ASTM D1693B
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	16	kJ/m ²	ISO 179
Additional Information			

Process within the temperature range 180 to 220°C.

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Recommended distributors for this material

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