

TOTAL Polyethylene MDPE 3802 (Blow Molding)

Medium Density Polyethylene

TOTAL Refining & Chemicals

Message:

MDPE 3802 is a medium density polyethylene (mDPE) with good resistance to impact and excellent Environmental Stress Crack Resistance (ESCR). It has been specifically designed for the blow moulding of flexible containers. It is particularly appropriate for the production of metal drum liners. MDPE 3802 is a pellet grade and contains antioxidants.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Good Impact Resistance		
	High ESCR (Stress Crack Resist.)		
Uses	Containers		
	Liners		
Agency Ratings	EC 1907/2006 (REACH)		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.938	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	20	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (100% Antarox, F50)	> 500	hr	ASTM D1693B
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (-30°C)	8.0	kJ/m ²	ISO 179
Extrusion	Nominal Value	Unit	
Melt Temperature	180 to 220	°C	

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Recommended distributors for this material

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