

**TOTAL**Refining & Chemicals
Polymers**+135-3858-6433 (GuangDong)**
+188-1699-6168 (ShangHai)
+852-6957-5415 (HongKong)

Polyethylene Aceso® PEM 519

Technical data sheet
High Density Polyethylene BLOW MOULDING
Produced in Europe

Description

Aceso® PEM 519 is a semi high molecular weight (SHMW) high density polyethylene (HDPE) with high resistance to impact and excellent Environmental Stress Crack Resistance (ESCR). It has been specifically designed for the manufacture of blow moulded articles (jerry-cans) dedicated for the packaging and transportation of 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.

Aceso® PEM 519 is a pellet grade and contains antioxidants.

Characteristics

Property	Method	Unit	Typical value (*)
Density	ISO 1183	g/cm ³	0.951
Melt Flow Rate (190°C/21.6 kg)	ISO 1133/G	g/10 min	7
FNCT	ISO 16770	h	27
Notched Charpy Impact Resistance -30°C	ISO 179-1	kJ/m ²	20

(*) Data not intended for specification purposes

Processing

It is recommended to process HDPE PEM 519 within the temperature range 180-220°C.