

TOTAL Polyethylene HD 6082

High Density Polyethylene
TOTAL Refining & Chemicals

Message:

HD6082 is a high density polyethylene with excellent organoleptic properties with low odor and taste. It also has a very good rigidity, processability and stress-cracking resistance.
HD6082 is especially suited for the production of caps & closures for non-carbonated drinks by injection moulding.
This grade does not contain a slip agent.

General Information			
Features	Excellent Organoleptic Properties		
	Rigidity, high		
	High ESCR (Stress Cracking Resistance)		
	High density		
	Workability, good		
	The smell is low to none		
	The smell is low to none		
Uses	Shield		
	Shell		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1300	MPa	ISO 527-2
Tensile Stress (Yield)	29.0	MPa	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	133	°C	ISO 11357-3
Injection	Nominal Value	Unit	
Processing (Melt) Temp	< 250	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

