

EVALENE® HDPE HJ20571

High Density Polyethylene
JG Summit Petrochemical Corporation

Message:

HDPE is used to make large drums, bleach bottles, shopping bags, crates nets and pails. Tough. Rigid. Heavy Duty. With High Chemical Resistance. These qualities make Evalene® HDPE suitable for a diverse line of industrial products.

Blown Film: Shopping and grocery bags

Pipes: Pressure and non-pressure pipes

Blow Molding: Bottles for household and industrial chemicals, large drums

Injection Molding: Pallets, crates, cases, trays, toys, houseware, caps

General Information			
Features	Good Chemical Resistance		
	Good Dimensional Stability		
	Good Moldability		
	Good Toughness		
	High Rigidity		
Uses	Caps		
	Support Trays		
	Toys		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.957	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹ (Injection Molded)	900	MPa	ASTM D638
Tensile Strength ² (Yield, Injection Molded)	24.0	MPa	ASTM D638
Tensile Elongation ³ (Break, Injection Molded)	350	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	40	J/m	ASTM D256
NOTE			
1.	5.0 mm/min		
2.	50 mm/min		
3.	50 mm/min		

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

