

XH4

High Density Polyethylene

General Information

Description

HDPE injection copolymer for general injection molding application.

Applications

Product used for general injection molding application, including caps and closures for non-carbonated and houseware

Properties¹

Physical	Test Method	Nominal Values
Melt Flow Index (190 °C, 2.16 kg)	ASTM D1238	5.5-6.5 g/10min
Density	ASTM D792	0.95-0.96 g/cm ³
Mechanical		
Tensile Strength (Yield)	ISO 527-1	32 psi
Elongation (Break)	ASTM D638	1100 %
Flexural Modulus	ISO 178	1500 psi
Impact		
Vicat Softening Point	ASTM D1525	120-130 C °
Thermal		
Low Temperature Brittleness F50	ASTM D746	<-70 C °

NOTE

ISO 9001, 14001, /TS 16949

¹ Properties: these are not to be construed as specifications