HD5502

High Density Polyethylene Resin

Plaslene Plastics®

Reliability you can depend on

Description

HDPE HD5502 is a high density polyethylene which is designed for high stiffness and stress crack resistance properties for the general-purpose blow molding application.

Processing Techniques

HDPE HD5502 exhibit excellent draw down characteristics. Specific recommendations for type of resin and extrusion conditions can be made only when the end use, required properties and processing equipment are known.

Applications

Thermoforming products, Pharmaceutical Packaging , Personal Care Products,
Bleach and Detergents , Industrial Chemicals & Parts

Physical Properties*

	Typical Value*	Unit	ASTM Test Method
Density	0.955	g/cc	D 1238
Melt Flow Rate (190℃/2.16kg)	0.35	g/10min	D 1505
Tensile Strength @ Yield	4000	psi	D 638
Elongation	610	%	D 638
Brittleness Temperature	<-119	° C	D 746
Environmental Stress Crack Resistance (ESCR)	36	h	D 1693

* Data should not be used for specification work

** The information on this document is, to our knowledge, true and accurate. However, since the particular uses and the actual conditions of use of our products are beyond our control, establishing satisfactory performance of our products for the intended application is the customer's sole responsibility..