



SERVICE 24/7 NO VOICE MAIL  
Every Minute, Every Hour, Every Day

# PRIMATOP - HDPE 003952

Phillips Process Hexene Copolymer

### Features

Excellent stiffness  
Stress crack resistance properties

### Applications

Blow molding  
Sheet extrusion thermoforming

Properties	ASTM	Typical Values
Melt Index	D 1238	0.35
Density	D 1505	0.952
Environmental Stress Crack Resistance (ESCR)		
Condition A, F 50 (100% Igepal)	D 1693	50
Condition B, F 50	D 1693	50
Tensile Yield Strength 2" (50 mm) per min.	D 638 Type IV	psi 3900
Ultimate Elongation 2" (50 mm) per min.	D 638 Type IV	> 600 %
Brittleness Temperature	D 746	< -180 °F
Flexural Modulus	D 790	psi 190,000

This product meets all requirements of the U.S. Food and Drug Administration as specified in 21CFR177.1520 covering safe use of polyolefin articles intended for direct food contact.

Typical Values represent average laboratory values and are intended as guides only, not as specifications. Properties designated have been determined in accordance with the current issues of the specified testing methods. Methods of American Society for Testing of Materials (ASTM) are used wherever applicable.

A-ToP POLYMERS materials are not designed or manufactured for use in implantation in the human body or in contact with internal body fluids or tissues and should not be used in these applications. A-ToP POLYMERS makes no representation, promise, express warranty or implied warranty concerning the suitability of these materials for use in implantation in the human body or in contact with internal body tissues or fluids.

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