



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

PRIMATOP - HDPE 003955P

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	0.955
Environmental Stress Crack Resistance (ESCR)		
Condition A, F 50 (100% Igepal)	D 1693	45
Condition B, F 50	D 1693	35
Tensile Yield Strength 2" (50 mm) per min.	D 638 Type IV	psi 4000
Ultimate Elongation 2" (50 mm) per min.	D 638 Type IV	> 600 %
Brittleness Temperature	D 746	< -180° F
Flexural Modulus	D 790	psi 200,000

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-TO P 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-TO P 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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47 Rockingham Road, Windham, NH 03087-1307 * Phone: (603)893-4366 * Fax: (603)890-1323

www.a-toppolymers.com

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