



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

PRIMATOP - HDPE 002955

Phillips Process Hexene Copolymer

Features

High melt strength
Excellent stiffness
Excellent stress crack resistance

Applications

Large part blow molding resin
Sheet extrusion thermoforming

| Properties | ASTM | Typical Values |
|---|------------------|----------------|
| Melt Index | D 1238 | 0.25 |
| 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 368 Type IV | 4,000 |
| Ultimate Elongation 2" (50 mm) per min. | D 638 Type IV | > 600 % |
| Brittleness Temperature | D 746 | < -120 °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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