

MELT - 2.0

DENSITY - 0.941

**HDHR-242U** is a certified prime high density hexene copolymer designed to offer superior toughness and stiffness.

### Features:

- Optimum balance of low temperature toughness
- Creep resistance
- Good stiffness
- Good ESCR
- Good tear strength

PROPERTIES	ASTM	UNIT	VALUES
Density	D1505	g/cm <sup>3</sup>	0.941
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	2.0
ESCR (10% Igepal, F50)	D1693A	hr	40
ESCR (100% Igepal, F50)	D1693A	hr	560
Tensile Strength @ Yield (51 mm/min)	D638	MPa	19
Tensile Elongation @ Yield	D638	%	10
Flexural Modulus - 1% Secant	D790B	MPa	870
Impact Strength (-40oC, 3.18 mm)	ARM	J	68
Impact Strength (6.35 mm)	ARM	J	190
HDT Under Load@ 66 psi Unannealed	D648	°F	135
HDT Under Load @ 264 psi Unannealed	D1525	°F	100
Peak Melting Temperature	D3418	°F	264