

# TECHNICAL DATASHEET

## HHM TR-144



This high molecular weight hexene copolymer is designed for film applications. It has been formulated to provide....

- Good processability
- Good toughness and durability
- Good blending characteristics with HDPE HMW film resin

Nominal Physical Properties *	ASTM	Unit	Value
Density	D1505	g/cm <sup>3</sup>	0.946
Melt Index, Condition 190°C/ 2.16 kg	D1238	g/10min	0.18
HLMI, Condition 190°C/21.6 kg	D1238	g/10min	15
Flexural Modulus, Tangent	D790	MPa	1150
Brittleness Temperature	D746	°C	<-75
<u>Typical Film Properties**</u>			
Dart Drop (66cm)	D1709	g	90
Spencer Impact Strength	D3420	J	0.35
Tensile Yield Strength, 50 mm/min	D882	MPa	MD: 24 TD: 26
Elongation at Break, 50 mm/min	D882	%	MD: 480 TD: 640
Elmendorf Tear Strength	D1922	g	MD: 19 TD: 270