

# RAMOLENE

# HDFLO7

"Homopolymer for Flat bottom bags, draw strings, coextruded merchandise bags, deli wrap"

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<u>Resin Properties(1)</u>	<u>Typical Value</u>	<u>ASTM Method</u>
Melt Flow, g/10 min.	0.07	2.16 kg; ISO 1133
Melt Flow, g/10 min.	0.35	5 kg; ISO 1133
Melt Flow, g/10 min.	10	21.6 kg; ISO 1133
Density, g/cc	0.959	D-792
Melting Point : °F	265	D3417
°C	129	
<u>Mechanical Properties(1)</u>		
Tensile at Yield, MD, psi (MPa)	6,200 (42.7)	D-882A
Tensile at Yield, TD, psi (MPa)	7,600 (52.4)	D-882A
Elongation, MD %	300 - 500	D-882A
Elongation, TD %	300 - 500	D-882A
Secant Modulus, MD, psi (MPa)	132,000 (910)	D-882A
Secant Modulus, TD, psi (MPa)	145,000 (1,000)	D-882A
Elmendorf Tear Strength MD, g	22	D-1922
Elmendorf Tear Strength TD, g	140	D-1922
Dart Drop lb (g)	0.706 (320)	D-1709
Tensile at Break, MD, psi (MPa)	10,000 (68.9)	D-882A
Tensile at Break, TD, psi (MPa)	9,250 (63.8)	D-882A

\* Data developed under laboratory conditions and are not to be used as specification, maxim, or minima

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