



Technical Datasheet: HDPE 5001

Product Description:

EE-5001-AAH is a medium molecular weight extrusion grade of high density polyethylene with hexene co-monomer.

Applications:

Primary applications for monofilament are fish netting, rope and fruit and vegetable packaging.

Typical data:

Property	Test method	Unit	value
Density	ASTM D792	g/cm ³	0.950
Melt index (190°C/2.16 kg)	ASTM D1238	gr/10min	1.0
Ultimate Tensile Strength	ASTM D638	MPa	35
Elongation @ Break	ASTM D638	%	1100
Flexural Modulus	ASTM D790B	MPa	1200
Durometer Hardness (Shore D)	ASTM D2240	-	59
Vicat Softening Temperature	ASTM D1525	°C	119