

ADVANCENE™ EE-3914-AAH

Medium Density Polyethylene
ETHYDCO

Message:

This high molecular weight hexene copolymer provides:
Excellent overall balance of Processability, Toughness and Strength.
Good impact strength and tear properties.
Applications:
General purpose thin film, trash bags, merchant bags.
Blending partner.
Produce bags.
Shopping bags.

General Information			
Features	High molecular weight		
	Copolymer		
	hexene comonomer		
	Impact resistance, good		
	Recyclable materials		
	Good tear strength		
	Medium density		
Uses	Films		
	Bags		
	Mixing		
	General		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.939	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	14	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus - Tangent	760	MPa	ASTM D790
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	
Tensile Strength			ASTM D882
MD: Yield ¹	21.0	MPa	ASTM D882
TD: Yield ²	23.0	MPa	ASTM D882
MD: Fracture	35.0	MPa	ASTM D882
TD: Fracture	27.0	MPa	ASTM D882
Tensile Elongation ³			ASTM D882
MD: Fracture	500	%	ASTM D882
TD: Fracture	660	%	ASTM D882

Dart Drop Impact	170	g	ASTM D1709A, ISO 7765-1
Elmendorf Tear Strength			ASTM D1922
MD	30	g	ASTM D1922
TD	350	g	ASTM D1922
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -75.0	°C	ASTM D746
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	50 mm/min		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

