

**A**  
**&M**  
**PLASTICS, INC.**

**Polypropylene Copolymer Physical Properties - 17"Ø ASP Base**

<b>Property</b>	<b>ASTM</b>	<b>Unfilled</b>	<b>10% - 20% G.E.</b>
Tensile Strength @ Break, PSI	D638	4,000 – 5,500	5,000 – 8,000
Tensile Strength @ Yield, PSI	D638	3,000 – 4,300	
Elongation @ Break, %	D638	200 – 500	
Compressive Strength (Rupture or Yield), PSI	D695	3,500 – 8,000	5,500 – 5,600
Flexural Strength (Rupture or Yield), PSI	D790	5,000 – 7,000	7,000 – 11,000
Flexural Modulus, 10" PSI @ 73° F	D790	130 – 200	355 – 710
Izod Impact, ft.-lb/in. of Notch (1/8 <sup>th</sup> thick specimen)	D256A	1.1 – 14	0.95 – 2.7
Hardness, Rockwell	D785	R65 – 96	R100 – R103
Deflection Temp Under Flexural Load, °F @ 264 PSI @ 66 PSI	D648	130 – 140	260 – 280
	D648	185 - 220	305
UV Stabilizer, Carbon Black - 2%			

**16714 Barkentine, Friendswood, TX 77546**