



Antek Madison Plastics Corp  
100 Finchdene Sq.  
Scarborough, Ontario M1X 1C1

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Phone: (416) 321-1170  
Fax: (416) 321-2809

## TECHNICAL DATA SHEET

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**MATERIAL:** LINEAR LOW DENSITY POLYETHYLENE

**DESCRIPTION:** BUTENE BASED COMPOUNDING GRADE RESIN THAT MEETS ALL REQUIREMENTS OF THE U.S. FOOD AND DRUG ADMINISTRATION AS SPECIFIED IN 21 CFR 177.1520, COVERING SAFE USE OF POLYOLEFIN ARTICLES INTENDED FOR DIRECT FOOD CONTACT. THIS IS AN EXCELLENT CARRIER RESIN FOR MASTERBATCH FORMULATIONS

**TYPICAL APPLICATIONS:** CARRIER RESIN FOR MASTER BATCHES

\*AVAILABLE IN 35-MESH POWDER

TYPICAL PROPERTIES	NOMINAL VALUE English Units	NOMINAL VALUE SI Units	TEST METHOD
<b>PHYSICAL</b>			
Melt Flow Rate (190°C/2.16 kg)	20 g/10 min	20 g/10 min	ASTM D1238
Density (23°C)	0.924 g/cm <sup>3</sup>	0.924 g/cm <sup>3</sup>	ASTM D1505
<b>MECHANICAL</b>			
Tensile Strength @ Yield	2200 psi	16.0 MPa	ASTM D638
Tensile Strength @ Break	1300 psi	9.2 MPa	ASTM D638
Tensile Elongation @ Break	60%	60%	D638
Flexural Modulus (1% Secant)	600,000 psi	410 MPa	ASTM D790
<b>DUROMETER HARDNESS</b>			
Shore D, 15 sec	47	47	D2240
Note: All properties were derived from compression-molded specimens. Actual properties may vary depending on operating conditions and additive packages. Properties are not intended to be used as specifications.			

Sincerely,

Antek Madison Plastics Corp.  
Quality Control

Antek Madison Plastics Corp has no control over the use to which others may put this material; it does not guarantee that the same results as those described will be obtained. Antek Madison Plastics Corp does not guarantee the effectiveness or safety of any material for the design as well as the suitability of the material or designs of both for his own particular use. Statements concerning possible or suggested uses of the materials of design described herein are not to be constructed as recommendations for use of such materials or designs