



ERC PELLETS

FM .3-.6



The table below summarizes the main properties of this repro FMPE resin grade.

Resin Pellets

<i>Material Code</i>	<i>Property</i>	<i>Method</i>	<i>Value</i>
<i>HMW1P0.09-R2</i>	<i>Density (gr/cm3)</i>	<i>ASTM D792</i>	<i>.945-.960</i>
	<i>Melt index (gr/ 10 min.)</i>	<i>ASTM D1238 (190⁰C/21.6Kg)</i>	<i>.3-.6</i>
	<i>Izod Impact notched (J/m)</i>	<i>ASTM D256</i>	<i>200-250</i>
	<i>Izod (ft-lb/ in)</i>		<i>3.0-6.0</i>
	<i>Flexural Modulus (psi)</i>	<i>ASTM D790</i>	<i>80,000-100,000</i>
	<i>Tensile Modulus (psi)</i>	<i>ASTM D638</i>	<i>100,000-200,000</i>
	<i>Elongation at break (%)</i>		<i>200-300</i>
	<i>Environmental Stress-Cracking of Ethylene Plastics</i>	<i>ASTM D1693-01</i>	<i>0% Pass</i>
	<i>Ash Content/ Filler Content</i>	<i>ASTM D5630</i>	
	<i>DSC(Melting point)</i>		<i>1.0-1.3</i>
<i>PE content</i>	<i>ASTM 3418</i>	<i>130-135⁰C >90% PE</i>	

In order to improve our products, changes to the specifications can occur.

