



Polymers


 Chemical &  
Aromatics

 Fuel & Feeds  
Stock

# HDPE 1600J

*Injection Grade*

Property	Test Method	Unit	Value
Melt flow rate	ISO 1133	g/10 min.	18
Density	ISO 1183	kg/m <sup>3</sup>	955
Tensile Strength at yield	ISO 527-1, -2	MPa	25
Tensile Strength at break	ISO 527-1, -2	MPa	15
Elongation at Break	ISO 527-1, -2	%	400
Charpy Impact strength	ISO 179-1	kJ/m <sup>2</sup>	4.5
Shore hardness	ISO 868	D scale	65
Stress cracking resistance	ASTM 1693	hr	2
Melting temperature	ISO 11357	°C	131
Vicat softening temperature	ISO 306	°C	122

## APPLICATION

Very high flow properties : Toys, buckets, housewares, sundries, ultra high speed molding product (injection), thin walled drinking cups, drinking water glasses, water tanks, waste boxes