

Persian Gulf Petrochemical Industry Commercial Co.

Ilam Petrochemical Company



Polymers



Chemical &  
Aromatics



Fuel & Feeds  
Stock

# HDPE 2200J

*Injection Grade*

Property	Test Method	Unit	Value
Melt flow rate	ISO 1133	g/10 min.	5.2
Density	ISO 1183	kg/m <sup>3</sup>	964
Tensile Strength at yield	ISO 527-1, -2	MPa	28
Tensile Strength at break	ISO 527-1, -2	MPa	>17
Elongation at Break	ISO 527-1, -2	%	>500
Charpy Impact strength	ISO 179-1	kJ/m <sup>2</sup>	7.2
Shore hardness	ISO 868	D scale	65
Stress cracking resistance	ASTM 1693	hr	4
Melting temperature	ISO 11357	°C	135
Vicat softening temperature	ISO 306	°C	130

## APPLICATION

Excellent rigidity and impact strength, general purpose and industrial uses Vegetable containers, milk bottle crates, beverage crates, vegetable containers, fruit containers, casks for pickles, package for tablets, tool boxes, pellets shipping crates, bread trays, etc.