

## J2210

## High Density Polyethylene

### Description

**Good stiffness & Impact strength**

### Application

**Silicon cartridge, House wares**

Properties			
Physical	Testing methods	Nominal values	
Density	ASTM D 1505	g/cm <sup>3</sup>	0,958-0,962
Melt Flow Rate	ASTM D 1238	g/10min	6,5-8,0
<b>Mechanical</b>			
Tensile Strength at Yield (min.)	ASTM D 638	kg/cm <sup>2</sup>	240
Tensile Strength at Break (min.)	ASTM D 638	kg/cm <sup>2</sup>	NB
Elongation at Break (min.)	ASTM D 638	%	300
Flexural Modulus (min.)	ASTM D 790	kg/cm <sup>2</sup>	11000
<b>Impact</b>			
Izod Impact Strength (23 <sup>0</sup> C) (min.)	ASTM D 256	kg cm/cm	9
<b>Thermal</b>			
Vicat Softening Point (min.)	ASTM D 1525	°C	122
Heat distortion temperature (4.6 kg/cm <sup>2</sup> ) (min.)	ASTM D648	°C	72
<b>Additional properties</b>			
Rockwell Hardness (min.)	ASTM D785	R	61
Environmental Stress Cracking Resistance (F50) (min.)	ASTM D1693	Hr	>6

**Note: Above data is based on information provided by Licensor and it is not to be construed as specification.**