UZ-KOR GAS CHEMICAL

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^3	0,958-0,962
Melt Flow Rate	ASTM D 1238	g/10min	6,5-8,0
Mechanical			
Tensile Strength at Yield (min.)	ASTM D 638	kg/cm^2	240
Tensile Strength at Break (min.)	ASTM D 638	kg/cm^2	NB
Elongation at Break (min.)	ASTM D 638	%	300
Flexural Modulus (min.)	ASTM D 790	kg/cm^2	11000
Impact			
Izod Impact Strength (23^0C) (min.)	ASTM D 256	kg cm/cm	9
Thermal			
Vicat Softening Point (min.)	ASTM D 1525	^{0}C	122
Heat distortion temperature (4.6 kg/cm2) (min.)	ASTM D648	^{0}C	72
Additional properties			
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.