

**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°C) (min.)		ASTM D 256	kg cm/cm	9
Thermal				
Vicat Softening Point (min.)		ASTM D 1525	°C	122
Heat distortion temperature (4.6 kg/cm ²) (min.)		ASTM D648	°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.