UZ-KOR GAS CHEMICAL

BL5200 High Density Polyethylene

Description
Smooth surface, Good ESCR, Anti-static

Application
Suitable for bottle (small, medium), toy

Properties			
Physical	**Testing methods**	**Nominal values**	
Density	ASTM D 1505	g/cm^3	0,961-0,965
Melt Flow Rate	ASTM D 1238	g/10min	0,24-0,38
Mechanical			
Tensile Strength at Yield (min.)	ASTM D 638	kg/cm^2	250
Tensile Strength at Break (min.)	ASTM D 638	kg/cm^2	NB
Elongation at Break (min.)	ASTM D 638	%	500
Flexural Modulus (min.)	ASTM D 790	kg/cm^2	12500
Impact			
Izod Impact Strength (23^0C) (min.)	ASTM D 256	kg cm/cm	42
Thermal			
Vicat Softening Point (min.)	ASTM D 1525	^{0}C	125
Additional properties			
Rockwell Hardness (min.)	ASTM D785	R	60
Environmental Stress Cracking Resistance (F50) (min.)	ASTM D1693	hr	>20

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