UZ-KOR GAS CHEMICAL

M8000 High Density Polyethylene

Description
ISO PE-100 Class, Good ESCR

Application
Water supply pipe and Gas pipe

Properties			
Physical	**Testing methods**	**Nominal values**	
Density	ASTM D 1505	g/cm^3	0,948-0,953
Melt Flow Rate	ASTM D 1238	g/10min	0,025-0,035
Mechanical			
Tensile Strength at Yield (min.)	ASTM D 638	kg/cm^2	190
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	8000
Impact			
Izod Impact Strength (23^0C) (min.)	ASTM D 256	kg cm/cm	NB
Thermal			
Vicat Softening Point (min.)	ASTM D 1525	^{0}C	122
Additional properties			
Rockwell Hardness (min.)	ASTM D785	R	43
Environmental Stress Cracking Resistance (F50) (min.)	ASTM D1693	hr	>1000

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