

KOREA PETROCHEMICAL IND.CO.,LTD

HCPP Block Copolymer **BP2000**
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Classification : HCPP Block Copolymer Pipe grade

Attributes : High Stiffness and Impact Strength Especially at low temperature, Creep Resistance, Chemical Resistance, Color:Natural,Gray,Yellow

Applications : Water Supply and Drain Pipes

Documents & Certificates

Spec Sheet :  [kpic_spec_BP2000_en.pdf](#)

MSDS :  [kpic_msds_BP2000_en\(1\).pdf](#)

FDA :  [FDA Request](#)

RoHS :  [kpic_RoHS_BP2000_20100927.PDF](#)

Certificates :  [Material Test\(China:National Analysis Center of Chemical Building Materials\)](#)  [Sanitary Test\(China:Institute of Environmental Health Monitoring, Chinese Academy of Preventive Medicine\)](#)

Properties

ITEM (TERM)	VALUE	UNIT	TEST METHOD
Melt Index	0.3	g/10min.	ASTM D1238
Density	0.91	g/cm ³	ASTM D1505
Tensile Strength at Yield	240	kg _f /cm ²	ASTM D638
Elongation at Break	>600	%	ASTM D638
Flexural Modulus	13,000	kg _f /cm ²	ASTM D790
Hardness (Rockwell)	80	R Scale	ASTM D785
Impact Strength (Izod with Notch)	NB	kg _f cm/cm	ASTM D256
Vicat Softening Point	153	°C	ASTM D1525
Oxidation Induction Time at 200°C	>30	min	ASTM D3895
Heat Deflection Temperature	100	°C	ASTM D648
The values given above should only be used as a guide and should not be considered as a specification or guarantee.			
The values are dependent on part geometry and fabrication conditions.			