

 KOREA PETROCHEMICAL IND, CO., LTDHCPP Block Copolymer **BP2200** print  close

Classification : HCPP Block Copolymer Pipe grade

Attributes : High Modulus, High Stiffness and Impact Strength Especially at low temperature, Creep Resistance, Chemical Resistance

Applications : Water Supply and Drain Pipes

 Documents & CertificatesSpec Sheet :  [kpic_spec_BP2200_en\(1\).pdf](#)MSDS :  [kpic_msd_s_BP2200_en.pdf](#)FDA :  [FDA Request](#) 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	340	kg/cm ²	ASTM D638
Elongation at Break	>300	%	ASTM D638
Flexural Modulus	18,000	kg/cm ²	ASTM D790
Hardness (Rockwell)	95	R Scale	ASTM D785
Impact Strength (Izod with Notch)	NB	kg cm/cm	ASTM D256
Vicat Softening Point	160	°C	ASTM D1525
Oxidation Induction Time at 200°C	>30	min	ASTM D3895
Heat Deflection Temperature	128	°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.			