

 KOREA PETROCHEMICAL IND.CO.,LTD

HDPE P601 KUBL

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Classification : HDPE Steel Pipe Coating grade
Attributes : Abrasion Resistance, Weatherability, UV Stability, Color:Black
Applications : Steel Pipe Coating

Documents & Certificates

Spec Sheet :  kplic_spec_P601_KUBL_en.pdf
MSDS :  kplic_msds_P601_KUBL_en(1).pdf
FDA :  FDA Request

Properties

ITEM (TERM)	VALUE	UNIT	TEST METHOD
Melt Index	0.3	g/10min.	ASTM D1238
Density	0.949	g/cm ³	ASTM D1505
Tensile Strength at Yield	200	kgf/cm ²	ASTM D638
Elongation at Break	>600	%	ASTM D638
Flexural Modulus	7,500	kgf/cm ²	ASTM D790
Hardness	60	Shore	ASTM D2240D
Impact Strength (Izod width Notch)	>50	kgf cm/cm	ASTM D256
Melting Point	131	°C	ASTM D3418
Environment Stress Cracking Resistance	>5,000	hr.Cond.B.100%	ASTM D1693
Softening Point (Vicat)	121	°C	ASTM D1525
Heat Deflection Temperature	58	°C	ASTM D648
Brittleness Temperature	< -70	°C	ASTM D746
Carbon Black Content	2.3	%	ISO 6964
Carbon Black Dispersion	<3	Grade	ISO 18553

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.