

 **KOREA PETROCHEMICAL IND.CO.,LTD**

HDPE **A015E IS**
 print  close

- A015E series are Medium Density Adhesive resin products, developed through KPIC's own technology.
- These are adhesive resin products for steel pipe coating that are produced by grafting polar maleic anhydride to general-use PE. So they have both strong adhesive properties and properties of general-use PE.

Classification : HDPE Adhesive grade

Attributes : Excellent Adhesive Power, Outstanding processability

Applications : PE Adhesive Resin for Steel Pipe Coating

Documents & Certificates

Spec Sheet :  [kpic_spec_A015E_IS_en\(1\).pdf](#)

MSDS :  [kpic_msds_A015E_IS_en\(1\).pdf](#)

FDA :  FDA Request

Properties

ITEM (TERM)	VALUE	UNIT	TEST METHOD
Melt Index	1.5	g/10min.	ASTM D1238
Density	0.935	g/cm ³	ASTM D1505
Mold Shrinkage	1.5~2.5	%	KPIC Method
Water Absorption	<0.01	%	ASTM D570
Tensile Strength at Yield	140	kg _f /cm ²	ASTM D638
Elongation at Break	>700	%	ASTM D638
Hardness	55	Shore	ASTM D2240D
Impact Strength (Izod with Notch)	>60	kg _f cm/cm	ASTM D256
Melting Point	125	°C	ASTM D3418
Softening Point (Vicat)	100	°C	ASTM D1525
Brittleness Temperature	< -80	°C	ASTM D746
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.			