

PMBIG.Co

HIPS Grade Number BY ORDER

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
MELT FLOW INDEX (200°C-5KG)	g/10min	ASTM D-1238	4---10
STYRENE RESIDUAL MONOMER	PPM	ASTM D-1238	<500
VICAT SOFTSNING POINT(50°C/hr 1kg)	°C	ASTM D-1525	89---94
TENSILE STRESS AT YEILD	MPA	ASTM D-638	
TENSILE STRESS AT BREAK	MPA	ASTM D-638	
ELONGATION AT BREAK	%	ASTM D-638	50---70
IZOD IMPACT	KJ/M2	ASTM D-256	6---13
TENSILE MODULUS	MPA	ASTM D-638	