

TECHNICAL DATA SHEET

HIPS GRADE 4512

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
MELT FLOW INDEX (200°C - 5KGS)	G/10MIN	ASTM D - 1238	4
STYRENE RESIDUAL MINOMER	PPM	ASTM D - 1238	<500
VICAT SOFTSNING POINT (50°C/HR 1KG)	°C	ASTM D - 1525	94
TENSILE STRESS AT YEILD	MPA	ASTM D - 638	17
TENSILE STRESS AT BREAK	MPA	ASTM D - 638	19
ELONGATION AT BREAK	%	ASTM D - 638	64
IZOD IMPACT	KJ/M2	ASTM D - 256	12.50
TENSILE MODULUS	MPA	ASTM D - 638	1600