

HIPS Grade Number 4512

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
MELT FLOW INDEX (200°C-5KG)	g/10min	ASTM D-1238	4
STYRENE RESIDUAL MONOMER	PPM	ASTM D-1238	<500
VICAT SOFTENING POINT(50°C/hr 1kg)	°C	ASTM D-1525	91
TENSILE STRESS AT YIELD	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	10.5
TENSILE MODULUS	MPA	ASTM D-638	1600