



ASTM Property

Grade	ABS - AHBBK
Resin Type	ABS

Properties	Test Condition	Test Method	Unit	Typical Value
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Physical

Specific Gravity		ASTM D792	-	1.05
Melt Flow Rate	200°C/5kg	ASTM D1238	g/10min	4

Mechanical

Tensile Strength, 3.2mm @ Yield	50mm/min	ASTM D638	kg/cm ²	480
Tensile Elongation, 3.2mm @ Yield	50mm/min	ASTM D638	%	7
Flexural Strength, 2.8mm	10mm/min	ASTM D790	kg/cm ²	657
Flexural Modulus, 2.8mm	10mm/min	ASTM D790	kg/cm ²	23200
IZOD Impact Strength, 3.2mm (Notched)	23°C	ASTM D256	kg·cm/cm	11
Rockwell Hardness	R-Scale	ASTM D785	-	111

Flammability

Flammability 0.8mm		UL94	class	
1.6mm			class	HB
2.5mm			class	
3.0mm			class	HB

NOTE

¹ Physical Properties : these are not to be construed as specifications