

KUMHO ABS Sales Specification

Date : Mar. 1 '09

Validity : Feb. 28 '10

Test Items	Units	Conditions	Grade	ABS 750SW		ABS 750SW	
			Color	Natural		Color	
			ASTM	MIN	MAX	MIN	MAX
Tensile Strength	Kg/cm ²	50 mm/min	D 638	450	510	450	510
Elongation	%	50 mm/min	D 638	15	25	15	25
Notched Impact Strength	Kg.cm/cm	6.4 mm @23°C	D 256	17	22	14	20
Flexural Strength	Kg/cm ²	3 mm/min	D 790	640	730	640	730
Flexural Modulus	Kg/cm ²	3 mm/min	D 790	20000	25000	20000	25000
Hardness	R Scale	23°C	D 785	107	113	107	113
Heat Distortion Temp.	°C	120°C/hr, 18.6 Kg	D 648	84	88	84	88
Melt Index	g/10 min	220°C, 10Kg	D 1238	30	40	30	40
		200°C, 21.6Kg	D 1238	45	60	45	60

(Rev. : 1)

Korea Kumho Petrochemical Co., Ltd
Quality Management Team