

Kumho ABS 773

2022. 05. 23

**KUMHO PETROCHEMICAL
R & BD CENTER**

Physical properties

	Method	Unit	ABS 773
Physical			
Specific gravity	ASTM D792	g/cm ³	1.07
Melt flow index (220°C/10kg)	ASTM D1238	g/10min	4.3
Mechanical			
Tensile strength (5mm/min)	ASTM D638	kg/cm ²	402
Flexible strength (2.8mm/min)	ASTM D790	kg/cm ²	595
Flexible modulus (2.8mm/min)	ASTM D790	kg/cm ²	20,200
Izod impact strength (6.4mm, notched)	ASTM D256	kg·cm/cm	11
Hardness (R-scale)	ASTM D785	-	107
Thermal			
Heat distortion temperature (1.82MPa, 6.4mm, Unannealed)	ASTM D648	°C	92