

844V

Flame retardant V0, V5 / 1.5mm-V0, 2.5mm-5V

Properties	Test Method	Test Condition	Units	844V
Tensile Strength	ASTM-D638	23 °C/ 50%RH	MPa kg/cm <sup>2</sup>	41 420
Tensile Elongation at Break		23 °C/ 50%RH	%	>5
Flexural Strength	ASTM-D790	23 °C/ 50%RH	MPa kg/cm <sup>2</sup>	66 670
Flexural Modulus		23 °C/ 50%RH	MPa kg/cm <sup>2</sup>	2,230 22,800
Izod Impact Strength	ASTM-D256	23 °C 12.7mm V-notched	J/m kg*cm/cm	139 14
Distortion Temperature Under Load	ASTM-D648	6.4mm 1.82MPa	°C	82
Rockwell Hardness	ASTM-D785	23 °C/ 50%RH	R-SCALE	105
Melt Flow Rate	ISO-1133	200 °C/49N	g/10min	-
		220 °C/98N		34
		240 °C/98N		-
Specific Gravity	ASTM-D792	23 °C/ 50%RH	-	1.16
Ball Pressure Temperature			°C	90
Flammability	UL94 FileNo.E41797	V-2		-
		V-0		1.50mm V-0
		5VA		2.50mm 5VA
Mold Shrinkage			%	0.4-0.7

Note ; These values are typical data for this product under specific test conditions and not intended for use as limiting specifications. \*This grade doesn't contain specific bromine flame retardant {PBB, PBBE(O), PBDE(O), PBDPE(O)}.