

TECHNICAL DATA SHEET

Enbase® AP22

High brightness, impact strength, U.V. stabilized (2 years) injection moldable grade

Properties	Test Method	Unit	GP 22
Melt Flow Rate 220 °C /5kg	ASTM D-1238	g/10 min	1.5
Melt Flow Rate, 220 °C /10kg	ASTM D-1238	g/10 min	19
Melt Volume Rate 230 °C 3.8kg	ASTM D-1238	cm ³ /10 min	4.8
Izod Notched Impact Strength, 23°C (73°F)	ASTM D-256	ft-lb/in	5.6
Izod Notched Impact Strength, 18°C (0°F)	ASTM D-256	ft-lb/in	1.9
Izod Notched Impact Strength, 30°C (-22°F)	ASTM D-256	ft-lb/in	1.1
Tensile Stress at Yield, 23°C	ASTM D-638	psi	6520
Tensile Modulus	ASTM D-638	psi x 10 ³	334
Elongation, Failure	ASTM D-638	%	2.6
Flexural Strength	ASTM D-790	psi	9430
Flexural Modulus	ASTM D-790	psi x 10 ³	334
Hardness, Rockwell	ASTM D-785	R sacale	103
Vicat Softening Temperature	ISO 306	°F	204
DTUL @ 264 psi	ASTM D-648	°F	172
DTUL @ 66 psi	ASTM D-648	°F	195
DTUL @ 264 psi	ASTM D-648	°F	210
DTUL @ 66 psi	ASTM D-648	°F	219
Dielectric Constant a 106 CPS (1000000 Hz, 0,0394 in)	ASTM D-150	-	2.8
Volume Resistivity	ASTM D-257	-	>1E13
Density	ASTM D-792	-	1.04
Water Absorption, Saturated at 23°C	ASTM D-570	-	1