

**DIC.PPS Z-230-Z9**

Z-230-Z9 Gray			
General Information	Method	Unit	Super Tough
Physical Properties <ASTM>			
Specific Gravity	D-792	-	1.53
Water Absorption (23°C, 24h, in Water)	D-570	wt. %	0.02
Mold Shrinkage (MD/TD) *1)	D-955	%	0.3/1.2
Mechanical Properties			
Tensile Strength	D-638	MPa	160
Tensile Elongation at Break	D-638	%	2.3
Flexural Strength	D-790	MPa	240
Flexural Modulus	D-790	MPa	9000
Izod Impact Strength Notched / Unnotched	D-256	J/m	150/830
Thermal Properties			
Deflection Temp (1.82MPa)	D-648	°C	255
UL Flammability *2)	(UL-94)	-	V-0
Electrical Properties			
Dielectric strength (t= 1.0mm)	D-149	kV/mm	27
Volume Resistibility	D-257	Ω · cm	10 ¹⁶
Processing Conditions			
Cylinder Temperature	-	°C	290-320
Mold Temperature	-	°C	120-150

1) MD; Mold Direction , TD; Transverse Direction

2) Own Data ; t=1.5mm

