



Resinoid Engineering Corporation

Compound Number 2215

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Resinoid 2215 is an organic fiber reinforced compound offering moderate impact strength. This product is available in a small pellet suitable for compression, transfer and injection molding.

<u>MATERIAL PROPERTIES</u>	ASTM	ISO	US UNIT	SI UNIT
FORM			PELLET	PELLET
COLOR			BLACK	BLACK
<u>MECHANICAL AND PHYSICAL PROPERTIES</u>				
SPECIFIC GRAVITY	D792A	1183	1.45	1.45 ₂₃ ²³
WATER ABSORPTION (24 HR. R.T.)	D570	62-1	0.5%	0.5%
TENSILE STRENGTH	D651	R527-3	7,000 psi	48 Mpa
FLEXURAL STRENGTH	D790	178	11,500 psi	79 Mpa
MODULUS IN FLEX	D790	178	1.4x10 ⁶ psi	9.7x10 ³ MPa
IMPACT (IZOD, NOTCHED)	D256A	180/2A	0.7 ft-lb/in	3.68 kJ/m ²
COMPRESSIVE STRENGTH	D695	604	26,000 psi	179 Mpa
<u>ELECTRICAL PROPERTIES</u>				
DIELECTRIC STRENGTH (S.T.) DRY	D149	IEC243	220 V/mil	8.7 kV/mm
ARC RESISTANCE	D495		100 sec	100 sec
<u>THERMAL PROPERTIES</u>				
DEFLECTION TEMPERATURE	D648	75A	390°F	199°C
FLAME RESISTANCE	UL94		94V-0 @ ¼ in	

The above values are typical of standard procedures such as ASTM. No assurance is given that the above data will be duplicated. Results can be affected by many variables including part design, storage and mold design. NO GUARANTEE, WARRANTY or REPRESENTATION, express or implied, is made for the performance or stability of Resinoid molding materials. Each user must conduct their own tests to determine the suitability of Resinoid molding materials for their particular application.