



Resinoid Engineering Corporation

Compound Number 2089

7557 N. ST. LOUIS AVE . SKOKIE, IL 60076. PHONE (847) 673-1050 . FAX (847) 673-2160 . WWW.RESINOID.COM

Resinoid 2089 is a chopped fabric reinforced, two-step phenolic molding compound offering good physical and wear properties. This product has been specifically formulated for mechanical applications where minimal wear and low shrinkage values are desired. This material comes in bulk fabric form and is suitable for compression molding.

<u>MATERIAL PROPERTIES</u>	ASTM	ISO	US UNIT	SI UNIT
FORM			BULK	BULK
COLOR			BLACK	BLACK
SHRINKAGE-MOLDED (POSITIVE MOLD)	D955	2577	0.0015 in/in	0.15%
<u>MECHANICAL AND PHYSICAL PROPERTIES</u>				
SPECIFIC GRAVITY	D792A	1183	1.44	1.44 ₂₃ ²³
WATER ABSORPTION (24 HR. R.T.)	D570	62-1	0.8%	0.8%
FLEXURAL STRENGTH	D790	178	10,000 psi	69.3 MPa
MODULUS IN FLEX	D790	178	1.2x10 ⁶ psi	8.2x10 ³ MPa
IMPACT (IZOD, NOTCHED)	D256A	180/2A	2.40 ft-lb/in	12.61 kJ/m ²
COMPRESSIVE STRENGTH	D695	604	15,900 psi	110 MPa

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.