

ENGITECH® F24 909000

Provisional Data Sheet

Compound in PP

PRODUCT DESCRIPTION

ENGITECH® F24 909000 is a mineral reinforced PP compound having optimum mechanical properties and flow behavior

Property	Test Condition	Unit	Standard	Typical value
Mechanical properties (23 °C/50 % r. h.)				
Tensile Strength	50 mm/min	MPa	ASTM D638	22
Elongation at Break	50 mm/min	%	ASTM D638	>10
Flexural strength	2 mm/min	MPa	ASTM D790	30
Flexural modulus	2 mm/min	MPa	ASTM D790	1500
Izod impact strength (notched)	23 °C	J/m	ASTM D256	40
Thermal properties				
MFI	230°C/2.16kg	gm/10min	ASTM D1238	9
Other properties (23 °C)				
Density		gm/cc	ASTM D792	1.04
Filler Content		%	ASTM D5630	20

USAGE

ENGITECH® F24 909000 is suitable for injection molding of general purpose applications

STORAGE AND SHELF LIFE

It is recommended to store ENGITECH® F24 909000 compound in dry, dust free conditions and prevent exposure to direct sunlight and/or heat. The storage should not exceed 12 months at 25°C for optimum performance.

"The information and recommendations contained herein are believed to be accurate and should only be used as a guide. With respect to this publication and the product related thereto, manufacturer makes no guarantee or warranty of any kind, express or implied and shall not be liable for consequential or incidental losses or damages resulting from use of this publication or handling or use of product, including, health related damages or injuries or infringement of intellectual property rights. The person receiving it shall make his own determination, through proper trials and evaluation about the suitability of the information or product for his particular use."