

RENATUS® CN9015

Polyplastics - Polyethylene Terephthalate

General Information

Product Description

Flame Retardant, Standard

GF Reinforced, Moldable at Low Temperature

General

Filler / Reinforcement	• Glass Fiber, 15% Filler by Weight
Additive	• Flame Retardant
Features	• Flame Retardant • Good Moldability
UL File Number	• E213445
Forms	• Pellets
Part Marking Code (ISO 11469)	• >PET-GF15 FR(17)<

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.58	g/cm ³	ISO 1183
Water Absorption (24 hr, 73°F, 0.0394 in)	0.20	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	15200	psi	ISO 527-2
Tensile Strain (Break)	2.2	%	ISO 527-2
Flexural Modulus	928000	psi	ISO 178
Flexural Stress	23600	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	2.9	ft-lb/in ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	435	°F	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+16	ohms·cm	IEC 60093
Electric Strength (0.118 in)	560	V/mil	IEC 60243-1
Comparative Tracking Index	250	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94