

RENATUS® RH045

PET-GF45

Polyplastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	189	MPa	ISO 527
Strain at break	1.8	%	ISO 527
Flexural modulus, 23°C	16600	MPa	ISO 178
Flexural strength	273	MPa	ISO 178
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	227	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	10	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	50	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10

Other properties	Value	Unit	Test Standard
Density	1750	kg/m ³	ISO 1183

Characteristics**Delivery form**

Black

Special Characteristics

Heat stabilized or stable to heat

Features

High Gloss

Applications

Automotive, Electrical and Electronical

Regional Availability

Asia Pacific