

TES J-50/20/RG RD8664

Techmer Polymer Modifiers - *Polycarbonate*

Product Description

09447

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
RoHS Compliance	• RoHS Compliant		
Forms	• Pellets		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.32		ASTM D792
Molding Shrinkage - Flow (0.00500 in)	3.0E-3	in/in	ASTM D955
Water Absorption (24 hr)	0.15	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	13800	psi	ASTM D638
Tensile Elongation (Break)	2.5	%	ASTM D638
Flexural Modulus	850000	psi	ASTM D790
Flexural Strength	21000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.0	ft·lb/in	ASTM D256

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	248	°F
Drying Time	2.0 to 3.0	hr
Suggested Max Moisture	< 0.050	%
Rear Temperature	540 to 580	°F
Middle Temperature	550 to 590	°F
Front Temperature	560 to 600	°F
Nozzle Temperature	570 to 610	°F
Melt Temperature (Optimum)	560	°F
Mold Temperature	170 to 220	°F
Back Pressure	0.00 to 50.0	psi

