Ryton® QA281N

polyphenylene sulfide

Ryton® QA281N (granular powder) polyphenylene sulfide exhibits excellent thermal stability and chemical resistance.

General		
Material Status	• Commercial: Active	
Availability	• Asia Pacific • Europe	• Latin America • North America
Features	• Chemical Resistant	• Good Thermal Stability
Uses	• Compounding	
RoHS Compliance	• RoHS Compliant	
Appearance	• Natural Color	
Forms	• Powder	

Physical	Typical Value	Unit	Test method
Density / Specific Gravity	1.35		ASTM D792
Melt Mass-Flow Rate (MFR) [1] (316°C/5.0 kg)	700	g/10 min	ASTM D1238
Water Absorption (24 hr, 23°C)	0.050	%	ASTM D570
Ash Content	0.1	wt%	ISO 3451-1
Volatiles (150°C)	< 0.3	wt%	

Thermal	Typical Value	Unit	Test method
Glass Transition Temperature	90.0	°C	ISO 11357-2
Melting Temperature	285	°C	ISO 11357-3

Notes

Typical properties: these are not to be construed as specifications.

[1] Procedure B