

Ryton® QA281N

Syensqo - Polyphenylene Sulfide

General Information

Product Description

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

General

Features	<ul style="list-style-type: none"> • Chemical Resistant • Good Thermal Stability
Uses	<ul style="list-style-type: none"> • Compounding
RoHS Compliance	<ul style="list-style-type: none"> • RoHS Compliant
Appearance	<ul style="list-style-type: none"> • Natural Color
Forms	<ul style="list-style-type: none"> • Powder

Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.35		ASTM D792
Melt Mass-Flow Rate (MFR) ² (316°C/5.0 kg)	700	g/10 min	ASTM D1238
Water Absorption (24 hr, 73°F)	0.050	%	ASTM D570
Ash Content	0.10	wt%	ISO 3451-1
Volatiles (302°F)	< 0.30	wt%	
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	194	°F	ISO 11357-2
Melting Temperature	545	°F	ISO 11357-3

Notes

¹ Typical properties: these are not to be construed as specifications.

² Procedure B