

# Ryton® QA321N

## Syensqo - Polyphenylene Sulfide

### General Information

#### Product Description

Ryton® QA321N (granular powder) polyphenylene sulfide exhibits excellent thermal stability and chemical resistance.

#### General

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

### Properties<sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.35		ASTM D792
Melt Mass-Flow Rate (MFR) <sup>2</sup> (316°C/5.0 kg)	1400	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

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> Procedure B