

【Inquiries】

AsahiKASEI Engineering Plastics Information Comprehensive Site
URL : <https://www.asahi-kasei-plastics.com/en/contact/>

AsahiKASEI



XYRON™ S203A

Asahi Kasei Corporation - Polyphenylene Ether

Wednesday, February 28, 2024

General Information

General

Material Status	• Commercial: Active	
Availability	• Africa & Middle East • Asia Pacific	• Europe • North America
Features AKEP website	• Viscosity, Low	
Forms	• Powder	
Processing Method	• Injection Molding	

Other Documentation

Literature	• Molding Conditions • SDS
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ASTM & ISO Properties¹

Physical	Nominal Value	Unit	
Density	1.06	g/cm ³	
Apparent (Bulk) Density	0.40 to 0.50	g/cm ³	
Viscosity Number (Reduced Viscosity) ² (30°C)	34.0	ml/g	
Mean Particle Size	200.0 to 400.0	μm	
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	214	°C	DSC

Notes

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

² 0.5 g/dl-PPE in CHCl₃

Disclaimer:

- Data shown are typical values obtained by proper testing methods and should not be used for specification purpose. Please use these data for selecting the most appropriate grade suitable for specific usage.

These data may be changed because of improvement in properties.

- Be sure to read the relevant SDS before handling and use, and always follow the Important Precautions.

- Do not use plastics in any of the following orally- or medically-related applications.

- Orally-related applications: any part, device or component which may come into direct oral contact or into direct contact with drinking foods or beverages.

For drinking water application, please consult Asahi Kasei Corporation.

- Medically-related applications: any part, device or component which may be used intracorporeally or which may in dialysis or other processes come into direct or indirect contact with body tissue, body fluids or transfusion fluids.