

TAIRILAC® AG20GF

Formosa Chemicals & Fibre Corporation - Acrylonitrile Butadiene Styrene

General Information

Product Description

20% GF Reinforced Grade

Features: Dimensional stability, high heat resistant

General

Material Status	• Commercial: Active
Availability	• Asia Pacific • Europe • North America
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Features	• Good Dimensional Stability • High Heat Resistance
Agency Ratings	• EC 1907/2006 (REACH)
RoHS Compliance	• RoHS Compliant
UL File Number	• E162823

Properties ¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	15	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (73°F)	15600	psi	ASTM D638
Flexural Strength (73°F)	989000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.250 in)	1.6	ft·lb/in	ASTM D256

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	194 to 203	°F
Drying Time	2.0 to 3.0	hr
Mold Temperature	104 to 194	°F
Injection Pressure	9960 to 17100	psi

Notes

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

