LNP™ STAT-KON™ COMPOUND VC112

DESCRIPTION

LNP™ STAT-KON™ Compound VC112.

TYPICAL PROPERTY VALUES

Revision 20191211

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yield	117	MPa	SABIC - Japan Method
Tensile Strain, break	3	%	SABIC - Japan Method
Flexural Stress	176	MPa	ASTM D 790
Flexural Modulus	7350	MPa	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	49	J/m	ASTM D 256
THERMAL			
HDT, 0.45 MPa, 3.2 mm, unannealed	180	°C	ASTM D 648
CTE, -30°C to 30°C	6.00E-05	1/°C	TMA
PHYSICAL			
Specific Gravity	1.44	-	ASTM D 792
Water Absorption, 24 hours	0.07	%	ASTM D 570
Mold Shrinkage, flow, 3.2 mm	0.2 – 0.3	%	SABIC method
Mold Shrinkage, flow, 6.4 mm	0.7 – 0.8	%	SABIC method
ELECTRICAL			
Surface Resistivity	1.E+05 – 1.E+08	Ohm	ASTM D 257

DISCLAIMER

Any sale by SABIC, its subsidiaries and affiliates (each a "seller"), is made exclusively under seller's standard conditions of sale (available upon request) unless agreed otherwise in writing and signed on behalf of the seller. While the information contained herein is given in good faith, SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND NONINFRINGEMENT OF INTELLECTUAL PROPERTY, NOR ASSUMES ANY LIABILITY, DIRECT OR INDIRECT, WITH RESPECT TO THE PERFORMANCE, SUITABILITY OR FITNESS FOR INTENDED USE OR PURPOSE OF THESE PRODUCTS IN ANY APPLICATION. Each customer must determine the suitability of seller materials for the customer's particular use through appropriate testing and analysis. No statement by seller concerning a possible use of any product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right.

© 2019 Copyright by SABIC. All rights reserved