

## Sicoflex® 469HT

## Ravago Manufacturing Europe - Acrylonitrile Butadiene Styrene

Wednesday, August 27, 2025

General Information					
Product Description					
ABS Flame Retardant grade,	PBDE Free, high heat resistance, good lig	ht stability			
General					
Material Status	Commercial: Active				
Availability	• Europe				
Additive	<ul> <li>Flame Retardant</li> </ul>				
Features	Flame Retardant	High Heat Resistance	<ul> <li>Light Stabilized</li> </ul>		
UL File Number	• UL94- E103497				

Properties <sup>1</sup>					
Physical	Nominal Value		Test Method		
Density	1.18	g/cm³	ISO 1183		
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	6.0	g/10 min	ISO 1133		
Molding Shrinkage - Flow	0.30 to 0.60	%	ASTM D955		
Mechanical	Nominal Value	Unit	Test Method		
Tensile Stress (Yield, 23°C)	38.0	MPa	ISO 527-2		
Tensile Stress (Break, 23°C)	33.0	MPa	ISO 527-2		
Tensile Strain (Break, 23°C)	20	%	ISO 527-2		
Flexural Modulus (23°C)	2600	MPa	ISO 178		
Impact	Nominal Value	Unit	Test Method		
Notched Izod Impact Strength			ISO 180		
-30°C	5.0	kJ/m²			
23°C	11	kJ/m²			
Thermal	Nominal Value	Unit	Test Method		
Deflection Temperature Under Load (1.8 MPa, Annealed)	104	°C	ISO 75-2/A		
Vicat Softening Temperature	112	°C	ISO 306/B50		
Ball Pressure Test (105°C)	Pass		IEC 60695-10-2		
Electrical	Nominal Value	Unit	Test Method		
Surface Resistivity	1.0E+14	ohms	IEC 60093		
Volume Resistivity	1.0E+13	ohms·cm	IEC 60093		
Electric Strength (1.00 mm, in Oil)	30	kV/mm	IEC 60243-1		
Comparative Tracking Index	500	V	IEC 60112		
Flammability	Nominal Value	Unit	Test Method		
Flame Rating			UL 94		
1.6 mm	V-0				
3.2 mm	V-0				
Glow Wire Flammability Index (2.0 mm)	960	°C	IEC 60695-2-12		
, ,					

## Notes

the data and information contained herein are typical average values, based on our current level of knowledge and experience, and do not constitute sales specifications. no liability, warranty or guarantee of product performance is created by this document. ravago industrial quality compounds are totally or partially produced with non-prime quality ingredients. even though the selection of the raw materials, the production and the quality control is being done following to the common best practices, it is the buyer's responsibility to inspect and test our products in order to determine the suitability for the buyer's application.

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