

# Tekulac ST 18

Acrylonitrile Butadiene Styrene

TEKUMA Kunststoff GmbH

## Message:

Tekulac ST 18 is an Acrylonitrile Butadiene Styrene (ABS) material. It is available in Europe. Primary attribute of Tekulac ST 18: Flame Rated.

General Information			
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	18	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup>	47.1	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.35 mm)	210	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.35 mm)	87.0	°C	ASTM D648
Vicat Softening Temperature	107	°C	ASTM D1525 <sup>2</sup>
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	HB		UL 94
NOTE			
1.	5.0 mm/min		
2.	Rate A (50°C/h), Loading 1 (10 N)		

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