



## Material Datasheet

### TFM

PDS nr.: PDS-IM-013, edition: 14/08/2018  
Filler content: -  
Color: White  
QC responsible: Ruben Denteneer

Density	ASTM D792	2,16	gr/cm <sup>3</sup>
Tensile Strength	DIN EN ISO 527	35	N/mm <sup>2</sup>
Elongation @ break	DIN EN ISO 527	560	%
Shore D hardness	ISO 868	59	Shore D
Tensile modulus	DIN EN ISO 527	630	MPa
Min. continuous operating temperature		-200	°C
Max. continuous operating temperature		260	°C
Deformation under load after 100h stress & 24h recovery - ASTM D621			
@ 23°C / 15 MPa		4%	
@ 150°C / 8,8 MPa		20%	
@ 205°C / 5,2 MPa		5,5%	
Dielectric Strength	ASTM D149 (0,20 mm film)	80	KV/mm

Food contact :  
The basic material is FDA compliance - 21CFR177.1550