



TECHNICAL DATA SHEET

Modulo: TX 09 05 Rev. 02
Data di revisione modulo
27/07/2020
Pag. 1/1

Cod. 138014000060059-FDA

TRANSPARENT Perox SILICONE 60 ShA - FDA

Product description

138014000060059-FDA is a silicone compound. It is particularly suitable for extruded silicone items. The post-cured product has excellent mechanical properties. The compound has a peroxide based catalytic system.

The polymers used for the production of this compound are approvable for food use according to:

- FDA regulations Title 21 part 177.2600;
- BFR (BGVV) chapter XVA: Silicones;

D.M. 21/03/1973

Application

Silicone rubbers are typically strongly resistant to high temperatures, to chemical attacks and to oxide and they are excellent electrical insulators.

They are excellent not sticking and elastics, resisting to ageing and to high temperatures.

Safety instructions

Based on Art. 31 of Regulation (CE) n. 1907/2006 (REACH) "Provisions on preparation of safety data sheets", Tecnoextr Srl is not compelled to the emission of Safety Data Sheets because it is a providers of articles and not manufacturer of substances or mixtures

Mechanical and Physical Properties

HARDNESS TX 100A SH A.	COLOUR RAL	DENSITY TX 100A g/cm ³	ELONGATION AT BREAK ASTM D 412 C %	TEARING RESISTANCE ASTM D 624 B kN/m
60	Transparent	1,18	400	22
TENSILE STRENGTH ASTM D 412 C N/mm ²	COMPRESSION SET % ASTM D 395 B %	WORKING TEMPERATURE °C		
11	30	-40°C / + 200°C		

The physical-mechanic properties are related to the compound used

Chemical and physical behavior

	Excellent	Good	Sufficient	Insufficient
Hot air up to 200°C	*			
Steam				*
Weather agents	*			
Ozone	*			
Low temperature stiffness	*			
Aliphatic Hydrocarbons				*
Paraffin mineral oils				*
Chlorinated solvents				*
Ketones				*
Aggressive sulphuric acid				*
Gentle acids			*	
Basis			*	
Water/Sea water	*			
Ethylene oxide 100% 72Hr/24°		*		

Palazzolo s/O, 22 November 2021

TECNOEXTR S.R.L. MATERIALS, PRODUCTS AND SERVICES ARE ACCORDING TO THE SALES CONDITIONS PRINTED ON OUR ORDER CONFIRMATIONS. THE INFORMATIONS ON THIS DOCUMENT ARE INDICATIVE AND NOT BINDING, BECAUSE THEY COULD CHANGE IN RELATION TO ENVIRONMENTAL CONDITIONS AND TO TEST LABORATORIES. EVERY USER TAKE HIS OWN RESPONSABILITY IN EVALUATING, BY HIS OWN DETERMINATIONS AND EVALUATIONS, THE CONFORMITY OF OUR PRODUCTS TOWARDS HIS OWN PRODUCTION CYCLE AND THE APPLICATIONS REQUIRED BY HIS CLIENTS.

SEDE LEGALE:

Via Angelo Maj, 14/ D
24121 Bergamo
Italy
C.F. e P.I.: 03263900163

STABILIMENTO:

Via Miola, 1
Località San Pancrazio
25036 Palazzolo sull'Oglio (BS)
Tel. (+39) 030 748 0212
Fax (+39) 030 748 0013

WEB:

www.tecnoextr.com
Mail:
info@tecnoextr.com
Post vendita service:
quality@tecnoextr.com