

Tefabloc™ thermoplastic elastomers for food contact applications

Expertise in food-contact regulations

Food packaging shall guaranty the highest level of safety, with full compliance to regulations.

As a Group Company of MITSUBISHI CHEMICAL, MCPP relies on the world highest standards with access to the best raw materials sources. Thanks to this knowledge and its compounding expertise, MCPP develops and produces high performance thermoplastic elastomers, specifically designed for food contact application.

TEFABLOC™ thermoplastic elastomers range for food contact includes two families.

- TEFABLOC™ TO : Single material parts and 2K overmolding on polyolefins
- TEFABLOC™ TE : 2K overmolding on engineering polymers



Single material parts & 2K on polyolefins

	HARDNESS	MULTI MATERIAL	ELASTIC RECOVERY	COLOURING	SHADE	ABRASION	FLOW	Compliance (1)	Typical use	
Standard performance	TOFI212	30A<>45D	PP/PE	✓✓	✓✓✓	Translucent	✓✓	✓✓✓	EU 10/2011 FDA 21 CFR	bright colours multi-purpose
	TOFI902	40A<>90A	PP/PE	✓	✓✓✓	High transparency	✓	✓✓	EU 10/2011 FDA 21 CFR	transparent multi-purpose
	TOFI213	40A<>35D	PP/PE	✓✓	✓✓	Opaque	✓	✓✓✓	EU 10/2011 FDA 21 CFR	all colours multi-purpose
	TPFI310	50A<>90A	PP/PE	✓	✓✓✓	Opaque	✓	✓✓✓	EU 10/2011 FDA 21 CFR	All colours multi-purpose
Ultra soft Dry touching	TPFI202	15A<>35A	PP/PE	✓✓	✓✓✓	Translucent	✓✓	✓✓	EU 10/2011 FDA 21 CFR	ultra-soft, bright colours, no tackiness
	TPFI203	15A<>35A	PP/PE	✓✓	✓✓	Opaque	✓	✓✓	EU 10/2011 FDA 21 CFR	ultra-soft, all colours, no tackiness
High performance	TOFI823	35A<>30D	PP/PE	✓✓✓	✓✓	Opaque	✓	✓✓	EU 10/2011 FDA 21 CFR	all colours, sealing function at elevate service temperature
	TOFE828 (extrusion)	40A<>75A	PP/PE	✓✓✓	✓✓	Opaque	✓	NA	EU 10/2011 FDA 21 CFR	all colours, hoses for hot liquids

(1) please consult us prior to assign material

2K injection on engineering polymers

	HARDNESS	ELASTIC RECOVERY	COLOURING	SHADE	ABRASION	FLOW	Compliance (1)	Typical use
TEFI837	50A<>90A	✓	✓✓✓	Opaque	✓	✓✓✓	EU 10/2011 FDA 21 CFR	Seals for Caps & Closures
TEFI847								Grips
Adhesion to : PS - PC - ABS - SAN - ASA - PBT - PET - PCTG - SMMA - PMMA - DURABIO								
TEFI910	65A (52A-80A)	✓	✓✓✓	High transparency	✓	✓✓✓	EU 10/2011 FDA 21 CFR	Transparent parts
Adhesion to : PP - PS - PC - ABS - SAN - ASA - SMMA - PMMA - PET - PCTG - DURABIO								

(1) please consult us prior to assign material

Compliance & Certification

TEFABLOC™ thermoplastic elastomers for food contact comply with

- EU Regulation 10/2011 : Plastic materials and articles intended to come into contact with food (2)
- USA FDA 21 CFR : Chapter 177.2600 (rubber article) - Chapter 177.1210 (closures) - (2)

(2) The compliance to food regulations is related to final application. Please contact us.



Food containers - Seals & Grips



Appliance Grips

Disclaimer: The information contained herein is accurate to the best of our knowledge, but since the circumstances and conditions in which the material may be used are beyond our control, we do not accept liability for any loss or damage that may occur nor do we offer any warranty of immunity against patent infringement. The values indicated in the tables only describe typical properties but do not constitute specification limits.

ABOUT US

The Mitsubishi Chemical Performance Polymers business (MCPP) is one of the top growing businesses at Mitsubishi Chemical Group. MCPP delivers innovative solutions based on consistent chemistry based technology, polymer design, and thermoplastic compounding expertise.

CUSTOMER ORIENTED

Our commitment is to be your global specialty partner by developing and delivering solutions which satisfy a variety of needs.

GLOBAL

Worldwide, we deliver high quality, thermoplastic resins for automotive applications. These applications include safety parts, seals, under the hood, interior and exterior components. As a reliable partner, we also provide global thermoplastic solutions for consumer goods, packaging, medical, building industries, wire and cable, and other industrial applications.

www.mcpp-global.com



CONTACTS

EUROPE

AMERICAS

ASIA - PACIFIC

France +33 (0)2 51 65 71 43
 Germany +49 (0)211 52054 10
 Poland +48 (0) 46 863 13 60
 Turkey +90 (0)216 651 8670

USA +(1) 866-955-1660
 Brazil +55-11-4417-4060

JAPAN (HQ) +81-3-6748-7131
 CHINA +86 (0)512 52 69 22 22
 INDIA +91-124-469-9820
 INDONESIA +(62)21-521-0480
 SINGAPORE +65 6423 1308
 THAILAND +(66)3483-1261

TBlloc Food contact 2019 10a GB.doc



Food Contact applications

