

NEW

## Marfran E CDT:

evolution of Conductive TPE.

Francesco Franceschetti Elastomeri is glad to announce new dates and performances of its TPE conductive compound of the range MARFRAN E CDT (Semi permanent) e MARFRAN E CDT-P (Permanent) .

Thanks to the latest tests by specialized laboratories the Marfran E CDT could be numbered through the TPE products with performance of conductivity, certificated by **ASTM 257-CTM E043** and **EN 20347**.

Injection of Special Footwear, packaging for electronic instruments, special cables are some of the main application where MARFRAN CDT families could be used for, thanks also to their wide range of hardness as in Shore A as in Shore D and most of the grades are colorable.

A follow a brief table of the main obtained features of some of main hardness:

Aspect	colorable?	Hardness	Performance	Surface res. ( $\Omega$ /square)	Volumetric res. ( $\Omega$ .cm)	Surface res. ( $\Omega$ /square)	Volumetric res. ( $\Omega$ .cm)	
				ASTM 257	ASTM 257	CTM E043	CTM E043	EN 20347
neutral/opaline	yes	>40ShA	semipermanent	>10 <sup>8</sup>	>10 <sup>8</sup>	>10 <sup>7</sup>	>10 <sup>6</sup>	compliant
black	no	>60ShA	permanent	>10 <sup>7</sup>	>10 <sup>6</sup>	>10 <sup>6</sup>	>10 <sup>5</sup>	////
neutral/opaline	yes	>60ShA	permanent	>10 <sup>8</sup>	>10 <sup>8</sup>	>10 <sup>7</sup>	>10 <sup>7</sup>	compliant
neutral/opaline	yes	>80ShA	permanent	>10 <sup>7</sup>	>10 <sup>7</sup>	>10 <sup>7</sup>	>10 <sup>6</sup>	compliant

Francesco Franceschetti Elastomeri produce and commercialized TPE/TPO compound under the registered trade names **MARFRAN & MARFRAN MED** as well for liquid compound solution under the brand name **LI.SO.EF**.