



MATERIAL

Flexa Digital TPU 75

High rebound and high flexibility

Formulated and manufactured by DWS



Flexa Series

The Flexa series includes the entire line of elastomers. Materials with different technical characteristics to meet the most different requirements: from flexible rapid prototyping to the manufacture of small production batches.

PRODUCT DESCRIPTION

Flexa Digital TPU 75 is a functional material, useful for test fit tests, fashion shows, pre-series up to full series production. Given its exceptional characteristics of flexibility, elongation and rebound, it sees its main use in the manufacture of soles for the footwear industry. It is also suitable for all those items requiring similar performance to traditional TPU.



High rebound



High flexibility and elasticity



Good elongation properties



Surface quality



TPO free version: Flexa Digital TPU-L 75 (Clear, White and Black)

Industries & applications

Footwear

Automotive

Gaskets

Racing

Fashion
Accessories

Available colors

Nome

Flexa Digital TPU 75 Clear >> TPO free version: Flexa Digital TPU-L 75 Clear

Flexa Digital TPU 75 White >> TPO free version: Flexa Digital TPU-L 75 White

Flexa Digital TPU 75 Crepe Sole >> TPO free version: Flexa Digital TPU-L 75 Crepe Sole

Flexa Digital TPU 75 Grey

Flexa Digital TPU 75 Black >> TPO free version: Flexa Digital TPU-L 75 Black

Technical specs of the liquid material

Viscosity 11500 mPa • s at 25°C

Density 1,04 g/cm³

Technical specs after UV curing

Flexa Digital TPU 75	Technical Data	Method
Tensile strength (MPa)	3,5	ASTM D638
Tensile modulus (MPa)	11	ASTM D638
Elongation (%)	200	ASTM D638
Surface hardness (Shore A)	75	ASTM D2240

Technical specifications are subject to change without notice. TDS_EN_TPU75 / Rev.02 / 02-2026