

# ELASTRON THE TPE SPECIALIST

Elastron  
TPE

Bondable  
Grades



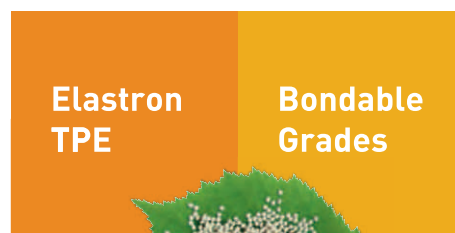
THERMOPLASTIC ELASTOMERS

**elastron**

[elastron.com](http://elastron.com)

## Features

- Overmoulding onto PP, PS, PC, ABS, PC/ABS, PA, HIPS, PET, PETG and many other engineering plastics
- Wide hardness range
- Enhanced processability and design flexibility
- Good surface appearance
- Easy to color
- Suitable for 2K and insert moulding applications
- Resistance to chemicals and oils
- Excellent UV/Ozone resistance
- Excellent peeling strength



## Overview

Elastron Bondable Grades are SEBS based TPEs which are designed to overmould onto many engineering plastics. They are suitable for both multi-shot and insert moulding processes. These grades are used in various applications with ergonomic and flexible design advantages. Elastron Bondable TPEs are available with a wide hardness range from 23 to 80 Shore A.

## Applications

- Consumer electronics
- Personal care items
- Kitchen tools & Household appliances
- Lawn & Garden equipments
- Power tools
- Medical devices
- Irrigation equipments
- Soft-touch parts



## Elastron Bondable Grades

Product	Hardness (Shore)	Density (g/cm <sup>3</sup> )	Tensile Strength (MPa)	Elongation@Break (%)	PA	PC	ABS	PET	PETG	PS
G500.A23.PA	A23	0.90	2.5	1000	X					
G500.A30.PA	A30	1.12	2.3	600	X					
G500.A40.PA	A40	1.12	2.7	500	X					
G500.A50.PA	A50	1.12	3.0	500	X					
G500.A55.PA	A55	1.12	3.5	400	X					
G500.A60.PA	A60	1.12	4.0	500	X					
G500.A70.PA	A70	1.12	4.5	300	X					
G500.A80.PA	A80	1.12	5.0	300	X					
G500.A40.ABS	A40	1.10	5.0	700		X	X	X	X	
G500.A50.ABS	A50	1.10	7.5	750		X	X	X	X	
G500.A60.ABS	A60	1.10	10.0	750		X	X	X	X	
G500.A70.ABS	A70	1.10	14.0	750		X	X	X	X	
G500.A45.PS	A45	1.18	2.5	500						X
G500.A75.PS	A75	1.10	5.0	600						X