











☐ White
 ☐ Off-white
 ☐ Black
 ☐ Transparent
 ☐ Translucent
 ☐ Off-yellow Translucent
 ☐ Beige
 ☐ Amber
 ☐ Brown
 ☐ Colour

Values given for information only - Non-contractual document.

2025	TYPE	COLOUR	BRAND / MODEL	MOD.FLEX. (MPa) / HARDNESS	T°G (°C)	APPLICATIONS	CHARACTERISTICS	COMMENTS	CERTIFICATION
RIGID MATERIALS									
UV-RESISTANT COLORANT			OROSOLV			Industrial colorant which is UV-resistant and can be ordered in different RAL colours.		Special order	
TRANSPARENT	ABS	 Transparent	AXSON PX5210	2400	80	Technical part, ornamental and decorative objects.	Good UV resistance, ageing stability.		
IMPACT RESISTANCE	PC	 Off-yellow Translucent	AXSON PX212	1200	90	Examples: machine covers, remote control units, protection screens, etc.	High impact and UV resistance and colorable.		ROHS
	PP-PE	 Cream to dark beige	AXSON PX205	500 MPa	-	Rigid resin but good bending property.	Excellent impact resistance.		
MULTI-USE	ABS		AXSON PX223	2300	120	Examples: electronic units, card holders, air units, water pipes, clip-on parts; etc.	Impact-resistant, good resistance to UV, sea water and salt air.	Recommended for painted parts + clip-on parts.	ROHS
	ABS		MG804	2000	80	Examples: technical parts, clip-on units, etc.	Excellent appearance without paint and good mechanical properties.		ROHS
HIGH TEMPERATURE	PPS PEEK	 Amber	AXSON PX 234 HT	1850	220	Examples: mounting plates, cars, technical parts in hot environments, etc.	Very limited impact resistance.	Very thin layer of paint possible.	ROHS
FIRE RESISTANT	ABS		EBALTA MG 815 fr	2770	122	Fireproof according to the UL94-V0 norm for parts whose thickness > 3.5mm	Limited impact resistance.	V0 paint on request.	UL94 V0 Yellow Card: No
	ABS	 Off-white	AXSON PX331	3700	100	UL94-V0 certification for parts whose thickness > 3mm FAR 25 certification for parts whose thickness > 1.5mm	Limited impact resistance.	V0 paint on request.	UL94 V0 FAR 25 Yellow Card: Yes
VERY HIGH MECHANICAL STRENGTH	POM / PA 6,6		AXSON PX 245	4500	95	Very rigid plastic casing, blocking levers, harnesses, etc.	Flexural and torsional strength, limited impact resistance.	Multi-applications. Important: limited impact resistance.	

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FLEXIBLE MATERIALS									
FOOD GRADE SILICONE	Silicone	<span>Beige</span>	Wackers M4670	60 shA	200	Technical: seals, amortises, guidance, technical parts in hot environments.	Good mechanical strength.	Exclusively off-machine casting. High viscosity.	FDA Food
SILICONE T°C	Silicone	<span>Transparent</span>	Bluestar RTV 3040	38 shA	200	Aesthetic and technical: bracelets, seals, medical visuals, etc.	Good mechanical strength.	Exclusively off-machine casting. High viscosity. Modulation of hardness by adding oil: 31,27,23,20 shA.	
ELASTO NOIR, BLANC, COULEUR	PU	<span>White</span> <span>Black</span> <span>Colour</span>	AXSON UPX 8400	45 > 90 shA	90	Aesthetic and technical: bracelets, seals, etc.	Good mechanical strength.	White cream colour, may be tinted. Limited resistance to UV in white.	REACH/ROHS
RIGID MATERIALS									
MEDICAL 	Epoxy	<span>Transparent</span>	INITIAL BIOMEDRI 1	85 shD	-55/+125°	Biocompatible, everyday use.	Autoclavable, X-ray, Gamma (compatible with other techniques. Contact us). Very good impact resistance.	No colouring possible. In stock. ISO 9001-compliant manufacture.	Iso 10993 USP 6 FDA