

Short term

Type	Name Abbr	Substance	time	conditions	Weight	size	Comments
Elastomer	EPDM	Ethylene propylene diene monomer	6 min	Ambient	-	+	
Elastomer	NBR	Acrylonitrile Butadiene Rubber	6 min	Ambient	0	+	
Thermoplastic	PC	Polycarbonate	6 min	Ambient	0	0	Surface cloudy and cracked
Thermoplastic	PP	Polypropylene	6 min	Ambient	+	+	
Thermoplastic	PTFE	Polytetrafluoroethylene	6 min	Ambient	+	+	
Thermoplastic	PVC	Polyvinylchloride	6 min	Ambient	+	+	
Thermoplastic	PA	Polyamide	6 min	Ambient	+	+	
Thermoplastic	Plexiglas PMMA	Polymethylmethacrylate	6 min	Ambient	0	0	sticky
Thermoplastic	PETG	Polyesterterephthalateglycol	6 min	Ambient	-	-	Panels bonded
Thermoplastic	PPS	Polyphenylsulfide	6 min	Ambient	+	+	
Thermoplastic	POM	Polyoxymethylene	6 min	Ambient	+	0	
Thermoplastic	PVDF	Polvinylidenechloride	6 min	Ambient	+	+	
Thermoplastic	PE	Polyethylene	6 min	Ambient	+	+	
Thermoplastic	ABS	Acrylonitrilebutadienestyrene	6 min	Ambient	-	-	sticky
Metal	Aluminium		6 min	Ambient	+	+	
Metal	Steel		6 min	Ambient	+	+	
Metal	Copper		6 min	Ambient	+	+	
Metal	Magnesium		6 min	Ambient	+	+	

Long term 10 days immersion then 2 hours recovery at 50°C

Elastomer	EPDM	Ethylene propylene diene monomer	10 days	Ambient	0	0	Yellow solvent
Elastomer	NBR	Acrylonitrile Butadiene Rubber	10 days	Ambient	0	0	
Thermoplastic	PC	Polycarbonate	10 days	Ambient	-	-	cracked
Thermoplastic	PP	Polypropylene	10 days	Ambient	-	0	
Thermoplastic	PTFE	Polytetrafluoroethylene	10 days	Ambient	0	+	
Thermoplastic	PVC	Polyvinylchloride	10 days	Ambient	-	-	
Thermoplastic	PA	Polyamide	10 days	Ambient	+	+	
Thermoplastic	Plexiglas PMMA	Polymethylmethacrylate	10 days	Ambient	-	-	dissolved
Thermoplastic	PETG	Polyesterterephthalateglycol	10 days	Ambient	-	-	Panels bonded
Thermoplastic	PPS	Polyphenylsulfide	10 days	Ambient	0	0	
Thermoplastic	POM	Polyoxymethylene	10 days	Ambient	0	0	
Thermoplastic	PVDF	Polvinylidenechloride	10 days	Ambient	+	+	
Thermoplastic	PE	Polyethylene	10 days	Ambient	-	0	
Thermoplastic	ABS	Acrylonitrilebutadienestyrene	10 days	Ambient	-	-	dissolved
Metal	Aluminium		10 days	Ambient	+	+	
Metal	Steel		10 days	Ambient	+	+	
Metal	Copper		10 days	Ambient	+	+	
Metal	Magnesium		10 days	Ambient	+	+	