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Technical Specification

	ABS-42	ASA-39	PC-ABS-47	PET-G-32
	standard industrial-grade thermoplastic	UV stability, mechanical strength and high-quality finish	durable engineering plastic	material approved for contact with food
colour	ivory 	ivory 	grey 	transparent 
deflection temp.	87°C	85°C	115°C	70°C
shrinkage	0.3% – 0.6%	0.4% – 0.7%	0.5% – 0.7%	0.2% – 0.5%
diameter	1.75 mm	1.75 mm	1.75 mm	1.75 mm
weight	1 kg / 3 kg	1 kg	1 kg	1 kg
length	400 m / 1200 m	395 m	372 m	325 m
hardness				
elasticity				
impact strength				
tensile strength				

	HIPS-20	PET-G-32 ESD	PA-6/66 HD	CF-PA-12
	commonly used as a support material	dissipates static electricity	high durability material	extra high temp. resistance and strong
colour	white 	black 	transparent 	black 
deflection temp.	71°C	70°C	55°C	160°C
shrinkage	0.5% – 0.7%	0.2% – 0.5%	1.1% - 1.6%	0.1%
diameter	1.75 mm	1.75 mm	1.75 mm	1.75 mm
weight	1 kg / 3 kg	1 kg	1 kg	1 kg
length	405 m / 1215 m	325 m	370 m	390 m
hardness				
elasticity				
impact strength				
tensile strength	