



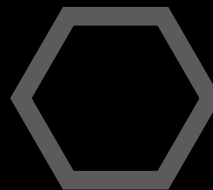
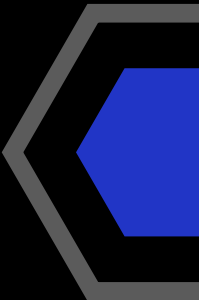
PERFORMANCE
PLASTICS

Product Brochure

ASLON™

ASPOM™

ASDUR™



ASEP is committed to provide customers with the highest quality products by assuring performance, consistency, safety and value.

Our founders have over 20 years experience in the engineering plastics industry, partnering and supporting global brands. Our network of sales offices and distributors ensures our customers' expectations and stringent demands are met wherever they are.



As a solutions provider, our team work tirelessly to maintain these high quality standards as we design and manufacture our products by the most efficient means possible to ensure our partners are at the forefront of the competition and our products are affordable to the greatest number of consumers throughout the world.



ASLON™ 6,6

Polyamide 6,6

ASLON™ 6,6 is a translucent or opaque milky crystalline polyamide (PA66) with high fatigue strength and rigidity, heat resistant, low coefficient of friction and good wear resistance, thus widely applied in engineering industry.



APPLICATION

High mechanical strength, high stiffness, good insulation, good chemical resistance, low friction and resistance of high vibration limit operation performance, wear resistance, noise reduction and easy processability. Applicable to auto parts, electrical parts, connectors, switches, food packaging, electric tools, bearing cage, etc.



ASLON™ 6,6

Polyamide 6,6

Unreinforced

- Low Hygroscopicity compounding feedstock
- Fast Cycle, Lubricated
- Heat Stabilized, Lubricated
- Highly Nucleated, Fast Cycle, Lubricated
- Flame Retardant
- FDA, NSF
- UV Stabilized

Impact Modified

- Toughened, Easy Flow
- Good Impact in low temperature
- Dimensional stability

Glass Fibre

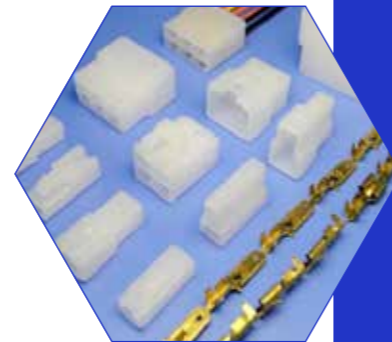
- Good Resistance to Hydrolysis
- Heat Stabilized
- UV Stabilized
- FDA, NSF
- Flame Retardant

High Viscosity

- Injection & Extursion Grade
- Heat Stabilized

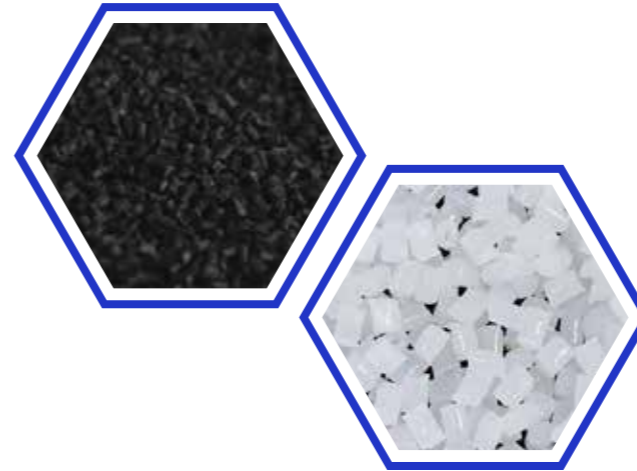
Standard

- Halogen Free
- Red Phosphorus Free
- RoHs
- REACH



ASLON™ 6

Polyamide 6



ASLON™ 6 is an easy flowing, finely crystalline injection moulding grade for very fast processing. Parts produced include thin-walled technical parts (eg. housing, fittings, grips, small parts and fixing clamps).

APPLICATION



Upon request, ASEP has the capability to produce modified grades with special additives such as GF reinforced, mineral toughened & heat stabilised, UV resistant, flame retardant variants or food contact grades in accordance to customer requirements.

ASLON™ 6

Polyamide 6



Unreinforced

- *Standard Viscosity, Fast Molding*
- *Easy Flow, Good Crystallization, Fast Molding*
- *Heat Stabilized*
- *Impart modified*



Glass Fibre

- *High Dimensional Stability*
- *Heat Stabilized*
- *High Rigidity*
- *Flame Retardant*
- *High Melting Point Low Extrusion Bibulous Rate*



Standard

- *Halogen Free*
- *Red Phosphorus Free*
- *RoHs*
- *REACH*

ASPOM™

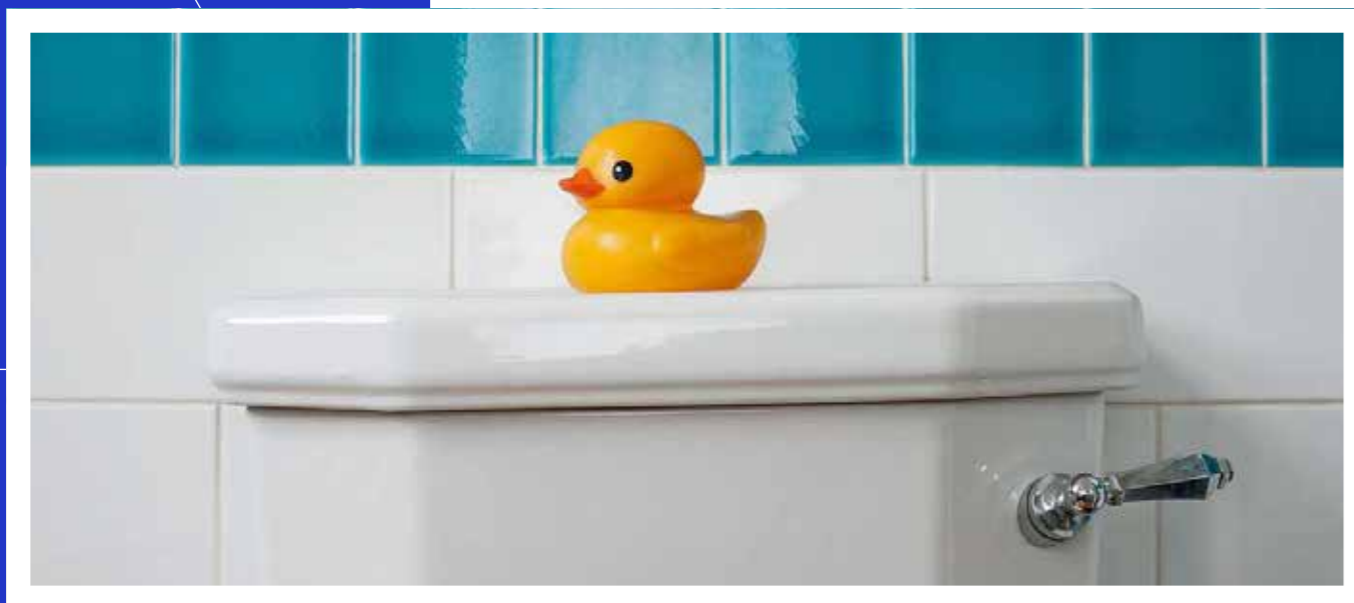
Polyacetal



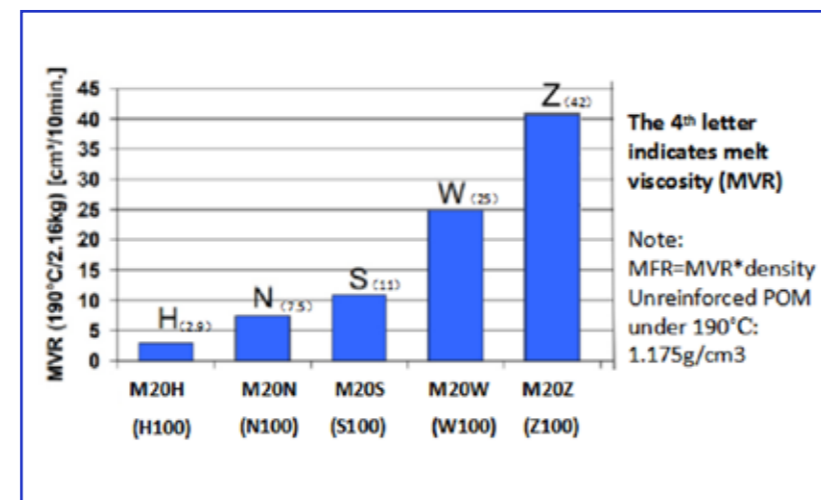
Polyacetals or commonly known as POM is used in precision parts requiring high stiffness, low friction, and excellent dimensional stability. Typical applications for injection-molded POM include high-performance engineering components such as small gear wheels, valves, bearings, zippers, fasteners and lock systems. The material is widely used in the automotive and consumer electronics.

ASPOM™

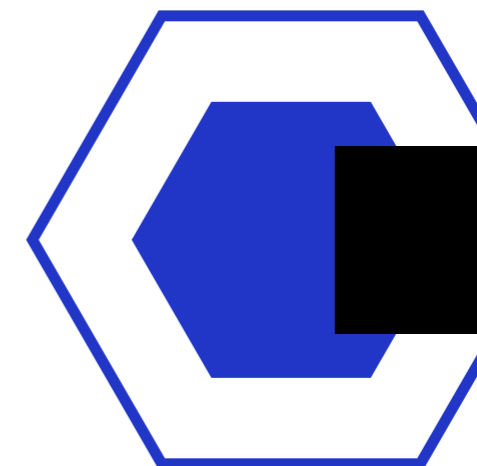
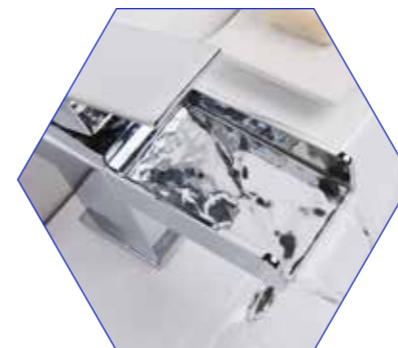
Polyacetal



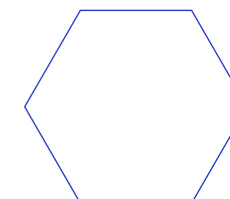
ASEP range of polyacetals (POM) resins are available in unreinforced and GF/TPU reinforced grades of different melt viscosities (MVR) to suit the broadest range of applications possible.



APPLICATION



- ✓ Excellent Chemical resistance
- ✓ Good corrosion resistance
- ✓ Dimensional stability
- ✓ Easy processing
- ✓ Good rebound performance
- ✓ Impact resistance



ASDUR™

PolyButylene Terephthalate

ASDUR™ PolyButylene Terephthalate or PBT has stable mechanical properties, strength resistance and strength modulus similar to nylon, low friction coefficient and self-lubricated, thus widely applied in engineering industry.



- ✓ *Stable mechanical properties, similar strength resistance compared to nylon*
- ✓ *Low friction coefficient, self-lubricated*
- ✓ *Low water absorption*
- ✓ *Good electrical performance*
- ✓ *Good dimensional stability*
- ✓ *Drug & oil resistant*



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