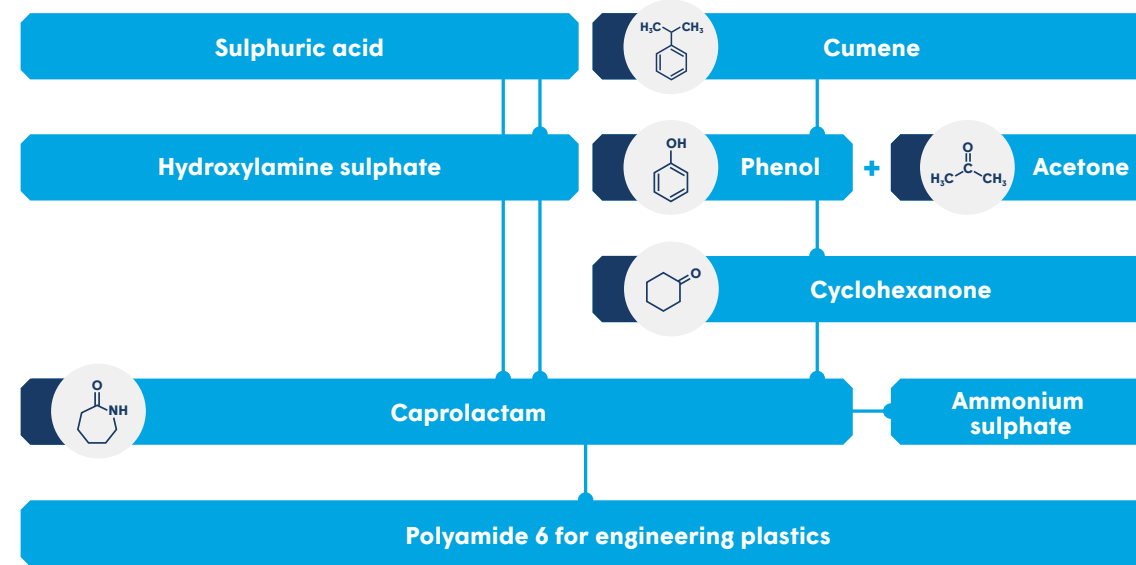


DOMO's fully integrated production chain up to PA6 ensures excellent product consistency and availability. DOMAMID® is manufactured in Germany to the highest quality standards. Our ongoing commitment to improve our technologies fulfills all demands with regards to low energy consumption, CO<sub>2</sub> reduction and environmental compatibility.



**DOMAMID®**  
Solutions for the automotive industry

Door handles, clutch pedals, lights and indicator supports, seat handles, consoles, head rests, engine covers, air intake manifolds, wheel covers

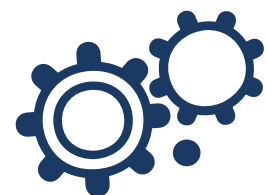
**DOMAMID®**  
Solutions for electric & electronic industry

Industrial switches and plugs, fans, electrical fuses, corrugated pipes, connectors

**DOMAMID®**  
Solutions for industrial & consumer goods industry

Snow rackets, ski bindings, power tools, plastic plugs, office chairs, tyre levers

With its chemical resistance, temperature resistance and mechanical properties, DOMAMID® is an excellent resource for producing high performance engineering plastics.



**DOMAMID®**  
Polyamide 6 virgin resins for EP



**DOMO CHEMICALS**

DOMO Chemicals is a leading producer of high-quality engineering nylon materials for a diverse range of markets, including the automotive, food, medical, pharmaceutical, chemicals and electronics industries. We offer a complete portfolio of integrated Polyamide 6 and 66 products, including intermediates, resins, engineering plastics, performance fibers, packaging film and distribution of petrochemical products. Headquartered in Germany, DOMO leverages advanced technology and consumer insights to deliver sustainable and innovative solutions.

**Contact us now at:**  
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E-Mail: caproleuna@domo.org

Designed for performance

**DOMAMID®**  
for Engineering Plastics

**DOMAMID**

## Powerful solutions by DOMO

DOMO offers high-quality polyamide 6 (PA6) virgin resins under the trade name DOMAMID®. Polyamide 6 is the ideal material for use inside engine compartments, because of its exceptional mechanical properties, its high thermal resistance and its very good chemical resistance. These well balanced characteristics are the solution to the heavily increasing demand for metal replacement in applications, such as automotive parts, industrial valves, railway tie insulators and other industry uses, whose design requirements include high strength, toughness and weight reduction.

DOMAMID® is used extensively for injection molding applications in the automobile, electrical, construction as well as furniture industry. The product range includes grades from ultra-low through medium to high viscosity grades for nearly all engineering plastics applications.



### DOMAMID® Your smart choice for engineering plastics

Easy processing – very good strength and hardness – excellent mechanical properties – high damping characteristics – high thermal stability – very good chemical resistance – good toughness at low temperatures – favorable sliding friction behavior



DOMAMID®  
**H22**



DOMAMID®  
**H24**



DOMAMID®  
**H27**



DOMAMID®  
**H28**

DOMAMID®  
**H33**

DOMAMID®  
**H36**

DOMAMID®  
**H40**



### DOMAMID® H22 and H24

... are the ultra-low and low viscosity polyamide 6, suitable for all engineering plastics applications with medium and high filling levels (glass fibers, minerals) that require excellent flow properties for injection molding.

### DOMAMID® H27 and H28

... are the medium viscosity polyamide 6, suitable for all compounding applications with medium filling levels of glass fibers and minerals.

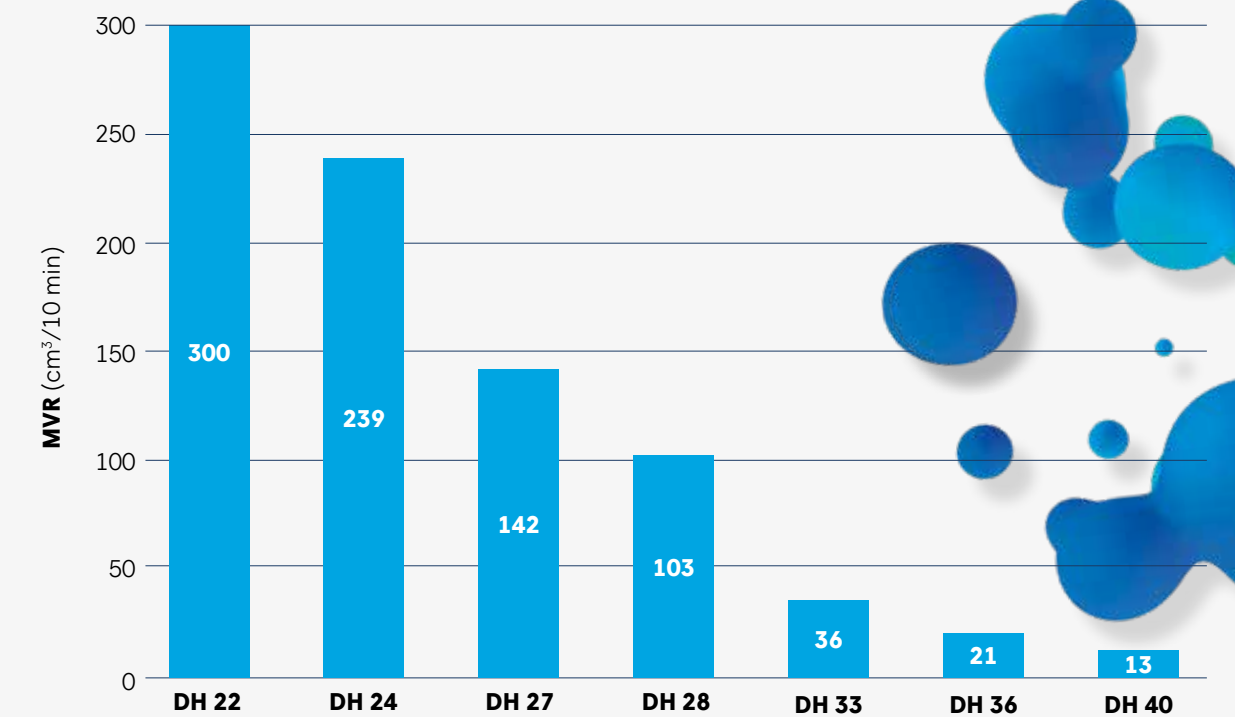
### DOMAMID® H33, H36 and H40

... are the high viscosity polyamide 6, suitable for convoluted tubes, blow molding, stock shapes and monofilaments.

## Material specific properties

Parameter	DH 22	DH 24	DH 27	DH 28
<b>General properties</b>				
Description	DOMAMID® H22–H40 are natural high-quality polyamide 6 granulates and are well suited for engineering plastics applications. DOMAMID® H22–H40 is hygroscopic and will absorb moisture when exposed to high moisture content areas. The processing characteristics of the product will change if the moisture content increases.			
Relative solution viscosity, range	2.15 to 2.25	2.35 to 2.45	2.65 to 2.75	2.75 to 2.85
Moisture content (wt%)	0.06 max.	0.06 max.	0.06 max.	0.06 max.
Extractables (wt%)	0.4 max.	0.6 max.	0.6 max.	0.6 max.
Density (g/cm³)	1.13	1.13	1.13	1.13
Bulk density, range (g/cm³)	0.65 to 0.75	0.65 to 0.75	0.65 to 0.75	0.65 to 0.75
Weight of 100 chips (g)	1.0 to 1.5	1.0 to 1.5	1.0 to 1.5	1.0 to 1.5

### Melt flow rate\*



\*275 °C/5 kg