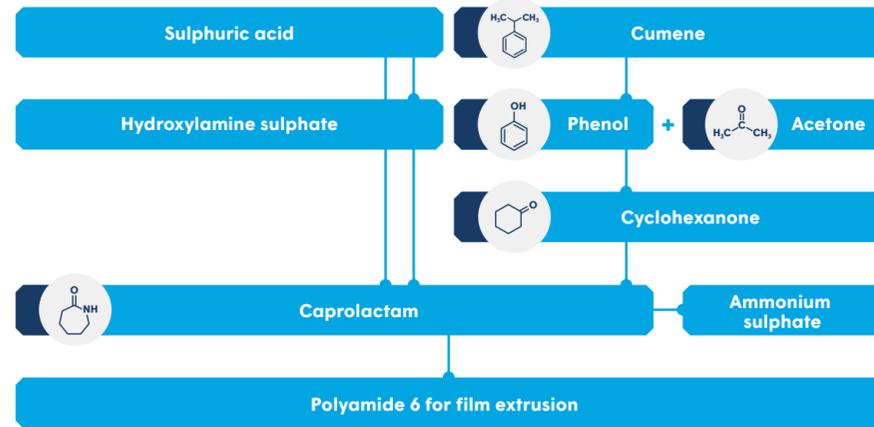


DOMO's fully integrated production chain up to PA6 ensures excellent product consistency and availability. DOMAMID® is manufactured in Germany to the highest quality standards. Our ongoing commitment to improve our technologies fulfills all demands with regards to low energy consumption, CO₂ reduction and environmental compatibility.



DOMAMID®
Solutions for food industry

Drinks and beverages, fresh ripened and semi ripened cheese, fresh pasta, processed food, dry fruits, frozen food, pre-baked bread, cured meat, smoked salmon, ready meals, pet food, sausage casings

Protects and helps the flavor and quality of food and beverages, while helping reduce packaging waste.



DOMAMID®
Solutions for medical & pharma industry

Tropical blister for pharmaceutical drugs, blood-nutrition bags, surgical instruments/accessories, gauzes/bandages, syringes, instant cold bags, releasing agents for molds in the production of dental prostheses

Protects and helps the pharmaceutical product and/or device while helping increase shelf life of the products.



DOMAMID®
Solutions for industrial & consumer goods industry

Bags for chemical products, solvent recovery bags, novelty balloons filled with helium gas, mold releasing film in the production of composites, refill pouches, book coverings, convoluted tubes, stock shapes, monofilaments

Protects and helps the environment while making your life safer, easier and more convenient.



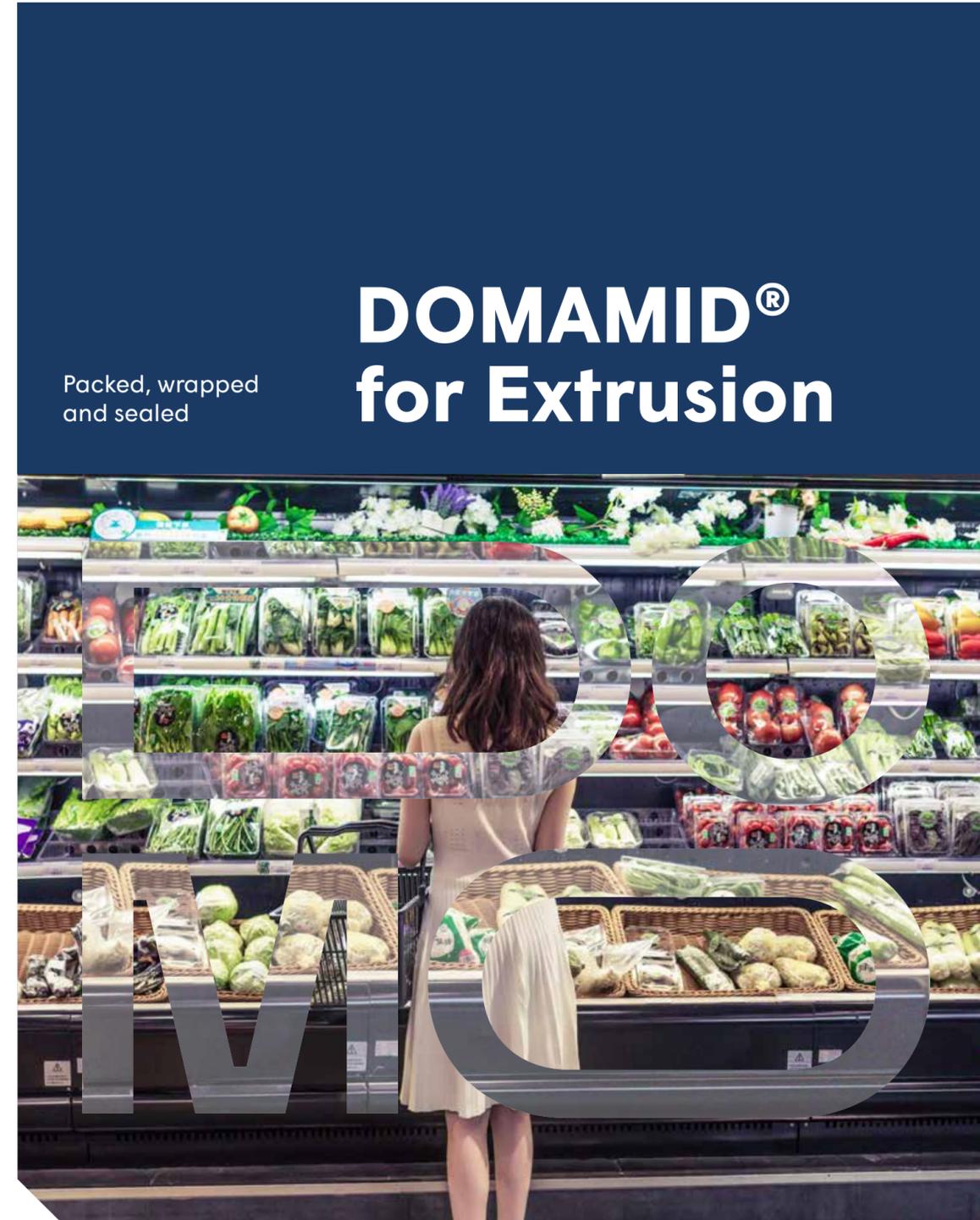
DOMAMID®
Polyamide 6 virgin resins for film extrusion



DOMO CHEMICALS

DOMO Chemicals is a leading engineering materials company and highly integrated solution provider committed to the sustainable future of polyamides.

Contact us now at:
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Am Haupttor – Bau 3101 | 06237 Leuna | Germany
Phone: +49 3461 43-2200 | Fax: +49 3461 43-2220
E-Mail: caproleuna@domo.org



Packed, wrapped and sealed

DOMAMID®
for Extrusion

DOMAMID® Your smart choice for film extrusion

Our DOMAMID® PA6 medium/high viscosity grades are the material of choice for extrusion applications in nearly all fields of the packaging sector. The DOMAMID® portfolio includes various viscosities and additive packages which ensure stable and efficient extrusion process.



Good barrier properties against oxygen and aromas – chemical and heat resistance – excellent mechanical properties – durability – food waste reduction and extended shelf life – the possibility to downgauge PA6 layer thickness depending on the customer's equipment



DOMAMID® Our high-viscosity grades

DOMAMID® PA6 provides cost-effective solutions for mono- or multilayer structures which are used for flexible packaging for vacuum packaging and oxygen sensitive products. The unique properties of DOMAMID® PA6 include excellent mechanical strength and puncture resistance, high thermal stability (sterilizing temperature), and good gas barrier properties against oxygen and aromas.

H33
available as Barefoot (F), Lubricated (L), Lubricated and Nucleated (LN)

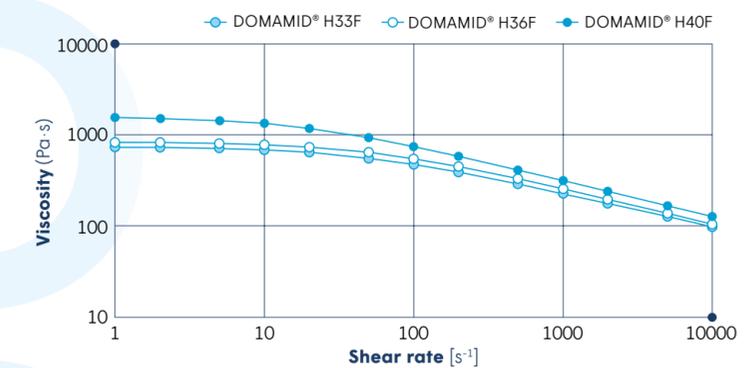


H36
available as Barefoot (F), Lubricated (L), Lubricated and Nucleated (LN)

H40
available as Barefoot (F), Lubricated (L), Lubricated and Nucleated (LN)



Melt shear rate viscosity curves of DOMAMID® PA6 high viscosity grades at 260 °C



Standard properties of DOMAMID® PA6 films

Parameter	Testing method	Unit	DOMAMID® H33F	DOMAMID® H36LN
			15 µm BOPA	20 µm Cast
Relative viscosity	Domo 88-16 (96% H ₂ SO ₄)	-	3.3	3.6
Melting temperature	DSC	°C	220	220
Haze	ASTM D1003		2.2	4.5
Tensile strength (MD/TD)	ASTM D882	kg/mm ²	24/30	13/10
Elongation at break (MD/TD)	ASTM D882	%	135/105	400/450
Oxygen transmission rate OTR	ASTM D1927 23 °C/65% RH	cm ³ /m ² ·d·atm	35	34
Water vapor transmission rate WVTR	ASTM F1249 38 °C/90% RH	g/m ² ·d	280	285

DOMAMID® H33

Production of biaxially oriented (BOPA) film using tender frame (Cast) or double-bubble (Blown) technology

Such films have higher transparency, improved stiffness and puncture resistance and good barrier.

DOMAMID® H36

Production of multilayer coextruded flat films (Cast) in combination with polyethylene (PE and EVOH)

Such films are typically used for vacuum packaging and barrier packaging.

DOMAMID® H40

Production of multilayer coextruded blown films

The combination with other co-polyamides can produce highly transparent films with improved thermoforming properties and flexibility.

Oxygen barrier properties

Oxygen transmission rate OTR (cm³/m²·d·atm) @ 20 °C, 65% RH

