

VESTAMID® D compounds and their applications

Characterization of the most important products and their typical applications

VESTAMID®	Designation according to ISO 1874-1	Characterization	Processing	Tensile modulus [MPa]	K&K	Applications
D16	PA612, LN, 12-020	low-viscosity base product	IM, E	2200		monofilaments, bristles with high recovery for paint brushes and tooth brushes
D18	PA612, LN, 14-020	medium-viscosity base product	IM, E	2200		as D16
D22	PA612, LN, 18-020	high-viscosity base product	IM, E	2200		as D16, abrasive bristles, pipes
D26	PA612, LN, 22-020	high-viscosity base product	E	2200		monofilaments
DX9300	PA612, MHR, 12-020	low-viscosity, heat-stabilized, with improved release properties	IM	2100		retainer for quick connectors
DX9322 ¹⁾	PA612, MH, 14-030, GD15	15% ground-glass fiber reinforced, heat-stabilized	IM	3150	+	low-warpage housings, coverings with sprayed-on elastomer seals
X7099 ¹⁾	PA612, MH, 14-050, GF20	20% glass fiber reinforced, heat-stabilized	IM	5600	+	housings, sealing and damping elements for the automotive industry, noise and vibration-dampened sliding bearings and rollers
DX9321 ¹⁾	PA612-HI, MH, 14-050, GF20	impact-resistant, 20% glass fiber reinforced, heat-stabilized	IM	5700	+	housings, coverings
DX9323 ¹⁾	PA612-HI, MH, 14-090, GF35	mpact-resistant, 35% glass fiber reinforced, heat-stabilized	IM	8900	+	plastic- rubber composites
DX9302 ¹⁾	PA612-HI, EH, xx-010	elastomer modified, heat-stabilized	E	1150	+	low-extract windshield wiper lines, corrugated pipes
DX9304 ¹⁾	PA612-HI, EHL, 18-020	impact-resistant, heat- and light-stabilized	E	1800		tubing systems subjected to higher temperatures, e.g., hydraulic clutch lines
DX9305 ¹⁾	PA612, EHL, 22-020	heat- and light-stabilized	E	2250		as DX9304
EX9350 ¹⁾	PA612-PPGD, EHL, 18-005	Elastomer modified	E	600		brake booster lines

¹⁾ currently only available in black

K&K = Plastic-rubber composite

IM = Injection Molding; E = Extrusion

® = registered trademark

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