



Baybond® types are generally used in the manufacture of glass fiber sizes.

The products have good compatibility with the following additives:

- adhesion promoters
- slip agents
- antistatic agents and flexibilizers

BAYBOND® – PUR DISPERSIONS FOR GLASS FIBER COATINGS

	Chemical base	Hydrophilic Character	Solids [%]	Viscosity, flow time (4 mm) s	pH-value	Hydrolytic resistance
PU 130*	Polyether	ionic/nonionic	29 - 31	11 - 15	7.0 - 8.5	+++
PU 239*	Polyester	ionic/nonionic	38 - 40	11 - 18	6.0 - 8.0	++
PU 330	Polyester	ionic/nonionic	29 - 31	30 - 140	6.5 - 8.0	+
PU 400 S	Polyester	ionic/nonionic	39 - 41	11 - 18	6.3 - 7.7	++
PU 401	Polyester	ionic/nonionic	39 - 41	11 - 18	6.5 - 8.5	++
PU 403*	Polyester	ionic/nonionic	38 - 40	11 - 18	6.0 - 8.0	+++
PU 405*	Polyether	ionic/nonionic	32 - 35	11 - 18	6.0 - 8.0	++++
PU 406	Polyether	nonionic	33 - 36	10 - 22	5.5 - 7.5	+++
VP LS 2277	Polyester	ionic/nonionic	39 - 42	10 - 20	6.5 - 8.5	++
XP 2569	Polyester	ionic/nonionic	39 - 41	10 - 20	6.0 - 8.0	++
LP RSC 1187	Polyether/Polycarbonate	ionic/nonionic	48 - 52	10 - 20	6.0 - 8.0	++++
LP RSC 3497	Polyester	ionic/nonionic	44 - 46	10 - 20	6.0 - 8.0	++

*crosslinkable

+ = average
++ = good
+++ = very good
++++ = excellent



100% Modulus N/mm ²	Tensile strenght N/mm ²	Elongation at break [%]	compatible with Aminosilane	Reinforcement of.
6.0	13.0	320	yes	thermoplastics
3.2	43.9	1,020	yes	thermoplastics and thermosets
0.5	0.6	2,000	yes	thermosets
2.7	39.8	1,200	yes	thermoplastics
3.0	51.2	1,230	yes	thermoplastics
3.4	38.2	999	yes	thermoplastics
4.5	10.7	410	yes	thermoplastics
3.6	20.0	700	yes	thermoplastics
2.1	28.1	1,250	yes	thermoplastics
1.5	6.4	1,300	yes	thermoplastics
3.1	24.5	910	yes	thermoplastics
3.1	37.2	960	yes	thermoplastics