



OH-Functional Silicone-Based Additive for PUR Artificial Leather

Composition

BYK-LP G 7018	Polyether modified polydimethylsiloxane, hydroxy functional
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Typical Physical Data

	Density at 20°C in g/ml	Non-volatile matter in %	OH-number of the effective substance in mg KOH/g	Flash point in °C	Refractive index
BYK-LP G 7018	1,04	≥ 97	Approx. 60	> 100	1,44
Values indicated in this data sheet describe typical properties and do not constitute specification limits.					

Application Fields

	PUR Artificial Leather	
	wet process	dry process
BYK-LP G 7018	●	●
	● recommended	

Special Properties and Advantages

BYK-LP G 7018	<p>Wet process: BYK-LP G 7018 gives an improved flow/leveling of the PUR solution after coating and a softer touch and anti-blocking properties of the final PUR artificial leather.</p> <p>Dry process: BYK-LP G 7018 gives better wetting/leveling of the PUR solution on the release paper, allows an easier release from the paper after drying and improves the anti-blocking properties.</p>
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Recommended Amounts

	% additive (as supplied) based upon:	
	PUR solution, ready to use	
BYK-LP G 7018	0,1 – 0,5	

Incorporation Methods and Processing Instructions

Due to its OH-functionality, BYK-LP G 7018 can already be incorporated during the polymerisation of PUR which results in a PUR resin with higher softness.

Storage and Transport

BYK-LP G 7018	Separation may occur below + 10 °C. Warm up to room temperature and mix before use.
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Packaging

Drums and pails

Containers not completely emptied must be closed immediately after use!



Anti-Terra®, BYK®, BYK-Dynwet®, Bykanol®, Byketol®, Bykoplast®, Bykumen®, Disperbyk®, Disperplast®, Lactimon®, BYK®-Silclean®, and Viscobyk® are registered trademarks of BYK-Chemie.

This information is given to the best of our knowledge. Because of the multitude of formulations, production and application conditions, all the above mentioned statements have to be adjusted to the circumstances of the processor. No liabilities, including those for patent rights, can be derived from this fact for individual cases.

10/03 This data sheet replaces all previous issues - Printed in Germany

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