



ONGROVIL®

PVC

PRODUCT BROCHURE



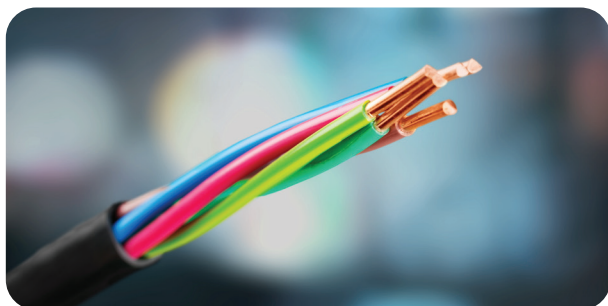
# ONGROVIL®

the long-term solution

BorsodChem is one of the top suppliers of PVC products in Central Europe. This is thanks to our reputation for high quality, solid reliability and also to the range of our ONGROVIL® product grades offering diverse and varied set of properties. Read on to find out about the uses and advantages which make PVC suitable for many applications and industries. Then check our handy product guide to see which ONGROVIL® product is the best for you.

## Building & Construction

Abrasion resistance, light weight, mechanical strength and toughness! PVC has been a popular material in construction for decades, due to its unique physical and technical properties. Its excellent value and performance characteristics are enhanced by a long lifespan and low maintenance. PVC has the versatility to meet many of the demands of modern architecture. In addition to new projects, it is also widely used in refurbishment, where it often replaces traditional materials such as metals and wood.



## Packaging

PVC is one of the most versatile, safe and cost efficient materials in the packaging industry. Used in rigid film, flexible film such as cling film, caps and plugs, it is highly effective in preservation and protection. As it is safe and non-toxic, it is an ideal material for the production of blisters and presentation trays, toiletries, toothpaste tubes, salad packs and bottles.



## Electric & Electronics

Fire resistant and easy to process with great insulating properties. Electric wires and cables have become so essential to our everyday lives that our world would be simply unrecognizable without them. Thanks to its superb insulating properties, easy processing and resistance to fire, PVC is widely used to produce wire insulation, cable sheaths, connectors and other components for the electrical and electronics markets.



## Miscellaneous

Versatile, long-lasting and easy to process – the ideal modern material! PVC is all around us, helping to make life easier, safer, more convenient and more enjoyable. Its many qualities offer a range of benefits to society and contribute to enhanced standards in all kinds of products. As it is easy to use and convert into different forms, it is popular with manufacturers. Its strength and durability are combined with light weight. Waterproof and resistant to chemical attack, it is also cost effective to produce. Is it any wonder that new uses for PVC are still being discovered?

Choose the right PVC grades from our ONGROVIL® range to match your production needs

## ONGROVIL® GRADE RANGE

PARAMETERS	TEST METHOD	UNITS	ONGROVIL® S-5258	ONGROVIL® S-5064	ONGROVIL® S-5167	ONGROVIL® S-5070
K-VALUE	ISO 1628-2	-	57-59	63-65	66-68	69-71
APPARENT DENSITY	ISO 60	kg/m <sup>3</sup>	550-610	530-590	560-620	470-530
PARTICLE SIZE > 0.250 mm	ISO 4610	%	1.0	1.0	5.0	1.0
PARTICLE SIZE < 0.063 mm	ISO 4610	%	5.0	5.0	5.0	5.0
VOLATILE CONTENT	ISO 1269	%	0.3	0.3	0.3	0.3

## ONGROVIL® PROCESSING SOLUTIONS

PROCESSING METHOD	APPLICATION	ONGROVIL® S-5258	ONGROVIL® S-5064	ONGROVIL® S-5167	ONGROVIL® S-5070
RIGID EXTRUSION	Sheet	✓	✓		
	Profile	✓	✓	✓	✓
	Pipe	✓	✓	✓	
	Foam	✓			
PLASTICIZED EXTRUSION	Cable				✓
	Profile				✓
	Tube				✓
CALENDERING	Rigid	✓	✓		
	Plasticized				✓
INJECTION	Rigid	✓			
	Plasticized		✓		✓
BLOWING	Rigid	✓			
	Plasticized				✓

# About Wanhua - BorsodChem

Wanhua Chemical Group is a global leading supplier of innovative chemical products covering polyurethanes, petrochemicals, performance chemicals and advanced materials. The company's technology enables the production of MDI, TDI, Polyol, ADI, specialty amines, TPU, PA12, PMMA, PC, PUD, and more.

BorsodChem - part of the Wanhua Chemical Group - is a key European producer of MDI, TDI, PVC resins, base chemicals and specialty chemicals with manufacturing facilities in Hungary and Czech Republic.

The group adheres to the highest standard of business ethics and safety standards as well as promotes 'green chemistry' and environmental responsibility. Wanhua - BorsodChem supplies high quality raw materials for all kinds of goods in a wide range of industries with expanding product portfolio and solutions.

## Legal statement

This information is based on our most recent knowledge. However, the application and processing of the product after sale is beyond our control and we cannot assume responsibility for use of this material outside BorsodChem premises. The user is obliged to check the suitability of this product for the intended use and accepts sole responsibility for compliance with any legal requirements relating to its use. This document does not constitute a warranty or guarantee.

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