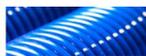
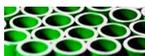


TECHNICAL DATASHEET

HMW-PE

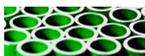
Material	High Molecule Weight Polyethylene HMW-PE (PE500)
Product code	PE05
Product type	<ul style="list-style-type: none"> - Hoses - Tubes - Profiles
Application	Hoses and tubes for pneumatic applications
Characteristics	<p>HMW-PE (PE500) is an alternative to PE1000 and is mainly used in applications, where wear resistance, low friction and toughness is required. HMW-PE is suitable for conveyor applications due to its abrasion resistance and low friction.</p> <p>Chemical: Good - Resistant to most organic solvents and chemicals <i>Please see separate chemical resistance chart for details</i></p> <p>Pressure: Poor</p> <p>UV- & weather: Poor, but can be improved by additives such as carbon black</p> <p>Working temperature: -50°C to +70°C</p> <p>Flame resistance: -</p> <p>Surface hardness: -</p> <p>Flexural modulus: 1.200 MPa</p> <p>Moisture absorption: 0 %</p> <p>Remarks: -</p>
Standard/Norms	-
Compliance	<ul style="list-style-type: none"> - EC Regulation 1907/2006 (REACH) - Directive 2011/65/EU (ROHS) - Do not contain dual use additives
Approval	Not approved for food contact
Color	<p>Standard: Natural, white, black, red and blue</p> <p>Specialties: Special colors at an additional charge</p>
Print	Black and white printing at an additional charge
Packaging	<p>Free coils, coils in carton boxes or plastic bags and on spools</p> <p><i>Please see separate data sheet for packaging options</i></p>



TECHNICAL DATASHEET

Data overview	N/A
Origin	Products are “Made in Denmark” and raw material for the products originates from the EU
Documentation	Specific documentation is available for: <ul style="list-style-type: none">- chemical resistance- permeability- antistatic classification- standard tolerances- packaging- regulatory status

The information contained in this document is based on information obtain from raw material suppliers, data selected from the literature and specific testing, but shall in no event be held to constitute or imply any warranty, undertaking, express or implied commitment from our part. Our formal specifications define the limit of our commitment. No liability whatsoever can be accepted by Knudsen Extrusion ApS regarding the handling or use of the product or products concerned which must in all cases be employed in accordance with all relevant laws and/or regulations in force in the country or countries concerned.



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