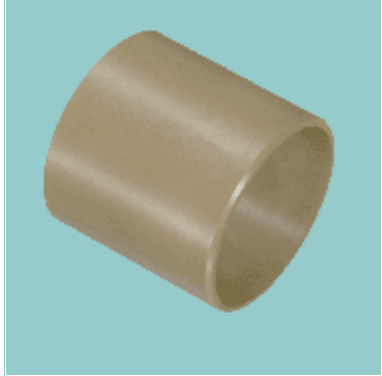

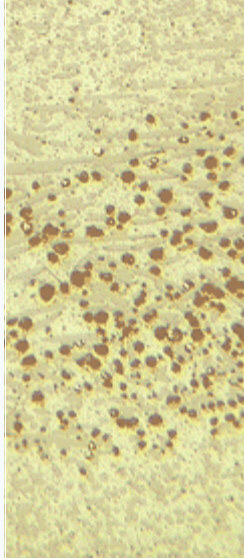


Characteristics	Applications	MF™62
<ul style="list-style-type: none"> <li>Thermoplastic (PPS) base material incorporating friction and wear modifiers and strengthened with fibre reinforcement</li> <li>Good hydrolysis and temperature resistance</li> <li>Manufactured by precision injection moulding</li> <li>Good bearing performance at higher temperatures and loads than standard plastic materials</li> <li>Colour: dark brown</li> </ul>	<b>Automotive</b> <ul style="list-style-type: none"> <li>Engine management components</li> <li>windscreen wipers</li> <li>pumps etc.</li> </ul>	 

Composition & Structure	Operating Conditions		Availability
PPS + glass fibres + PTFE	dry	fair	<b>Ex Stock</b> <ul style="list-style-type: none"> <li>N/A</li> </ul> <b>To order</b> <ul style="list-style-type: none"> <li>Cylindrical bushes</li> <li>flanged bushes</li> <li>Special dimensions</li> <li>shapes</li> </ul>
	oiled	good	
	greased	good	
	water	good	
	process fluid	good	

Bearing Properties	Unit	Value	Microsection
<b>Dry</b>			 <p>Injection moulded thermoplastic dry bearing material with additives homogeneously mixed in</p>
Maximum sliding speed U	m/s	1.2	
Maximum PU factor	N/mm <sup>2</sup> * m/s = W/mm <sup>2</sup>	2.6	
Coefficient of friction f	–	0.15-0.30	
<b>Oil lubrication</b>			
Maximum sliding speed U	m/s	-	
Maximum PU factor	N/mm <sup>2</sup> * m/s = W/mm <sup>2</sup>	-	
Coefficient of friction f	–	-	
<b>General</b>			
Maximum temperature T <sub>max</sub>	°C	+200	
Minimum temperature T <sub>min</sub>	°C	-40	
Maximum load P static	N/mm <sup>2</sup>	120	
Maximum load P dynamic	N/mm <sup>2</sup>	60	
Shaft surface finish Ra	µm	0.2-0.8	
Shaft hardness	HB	>200	
Shaft hardness for longer service life	HB	>350	