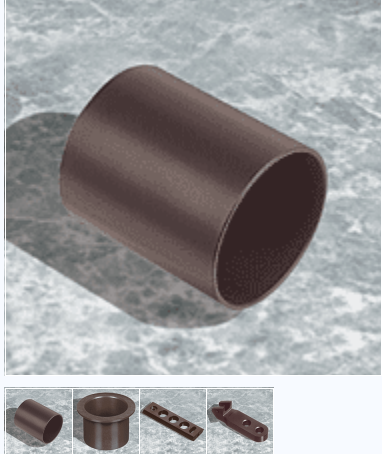
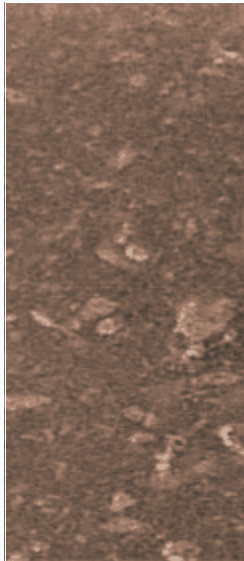


Characteristics	Applications	Multilube®
<ul style="list-style-type: none"> Low friction coefficient Optimum performance under light-duty conditions Injection moulded dry bearing material Manufactured by precision injection moulding 	Industrial <ul style="list-style-type: none"> Linkages seat suspensions 	

Composition & Structure	Operating Conditions		Availability
Proprietary injection moulded engineering thermoplastic	dry	good	Ex Stock <ul style="list-style-type: none"> N/A To order <ul style="list-style-type: none"> Injection moulding allows for a diverse range of shapes and sizes
	oiled	good	
	greased	good	
	water	fair	
	process fluid	fair	

Bearing Properties	Unit	Value	Microsection	
Dry				
Maximum sliding speed U	m/s	1.5	 <p>Injection moulded thermoplastic dry bearing material with additives homogeneously mixed in</p>	
Maximum PU factor	$N/mm^2 * m/s = W/mm^2$	0.6		
Coefficient of friction f	–	0.1-0.2		
Oil lubrication				
Maximum sliding speed U	m/s	-		
Maximum PU factor	$N/mm^2 * m/s = W/mm^2$	-		
Coefficient of friction f	–	-		
General				
Maximum temperature T_{max}	°C	+80		
Minimum temperature T_{min}	°C	-40		
Maximum load P static	N/mm^2	60		
Maximum load P dynamic	N/mm^2	30		
Shaft surface finish Ra	μm	0.2-0.8		
Shaft hardness	HB	>200		
Shaft hardness for longer service life	HB	>350		