

Material designation	KOTERM PE 1000	KOTERM PE 9000	KOTERM ULA ,CER	KOTERM UV	KOTERM AST	PE1000 MoS ₂	KOTERM Oil filled	KOTERM ELC	KOTERM DS Super	KOTERM SuperHot	KOTERM FREX
Colour	natural, green, black, other*	natural, green, black, other*	black yellow-green	natural, green, black, other*	black, other*	black		black		white	black
DIN designation	PE-UHMW	PE-UHMW	PE-UHMW	PE-UHMW	PE-UHMW	PE-UHMW	PE-UHMW	PE-UHMW	PE-UHMW	PE-UHMW	PE-UHMW
Abrasion resistance	good	excellent	excellent	good	good	good	good	good	good	good	good
Sliding properties	good	good	good	good	good	good	excellent	good	excellent	good	good
Mechanical load properties	moderate	moderate	good	moderate	moderate	good	moderate	moderate	good	moderate	moderate
Isolation	excellent	excellent	good	good	-	fair	good	-	excellent	good	-
Antistatic efficiency	-	-	-	-	excellent	fair	-	excellent (10 ⁶ Ω)	-	-	excellent
Flame retardancy	-	-	-	-	-	-	-	-	-	-	excellent
UV resistance	fair		fair	excellent	excellent	suitable	fair	excellent	fair	fair	excellent
Chemical resistance	good	good	good	good	good	Good	good	good	good	excellent	good
Temperature range (°C)											
Min	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200
Max	+80	+80	+80	+80	+80	+80	+80	+80	+80	+100	+80
Short-term exposure	+90	+90	+90	+90	+90	+90	+90	+90	+90	+135	+90
Physiologically safe	yes	yes	yes	no	yes	no	yes	no		yes	no

* other colours on request