



DeWAL® DW402B Skived UHMW-PE Film

DeWAL® DW402B is a skived carbon filled Ultra High Molecular Weight Polyethylene (UHMW) film.

It has high abrasion resistance. The carbon type and level achieve conductivity for sufficient dissipation application.

Applications:

- Die-cut spacers for video cassettes
- Electrical conductivity for static dissipation

PROPERTY	TEST METHOD	VALUE
PHYSICAL		
Base Film		Carbon filled UHMW-PE
Density, g/cc	ASTM-D792	0.90
Thickness, mm, (inches)	ASTM-D374	0.076-1.0 (0.003 – 0.04)
Tensile Strength, MPa (psi)	ASTM-D6040/882 @0 .01"	39.3 (5700)
Peak Elongation, %	ASTM-D6040/882 @ 0.01"	320
Surface Resistivity, ohms/sq	ASTM-D257	1000 – 100,000
Water Absorption, %		0.01
Thermal Conductivity, (73 F)(BTUin.)/(ft ² hrF)		0.44
Maximum Operating Temperature, °C (°F)		93 (200)
PACKING SPECIFICATIONS		
Maximum Width, mm, (inches)	N/A	1397 (55)
Core Diameter, mm, (inches)	N/A	76.2 (3)
Max Roll O.D., mm (inches)	N/A	355 (14)

All metric conversions are approximate.
Additional technical information is available.
Typical values should not be used for specification limits.