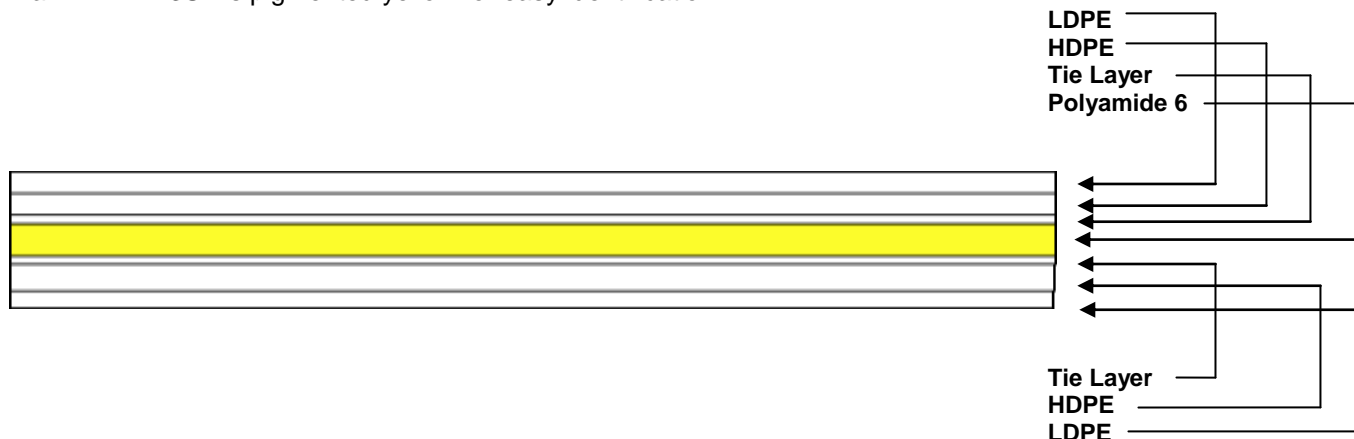


Technical Data Sheet

TianFilm™ PA23SLP SMC Film

Product Description:

TianFilm™ PA23SLP is a multi-layer SMC film produced using state-of-the-art blown co-extrusion technology that yields rolls with an excellent profile that optimizes SMC resin matrix lay-down. The outer layers of the film combine strength and an appropriate coefficient of friction. The core polyamide 6 layer provides exceptional strength, a barrier to styrene monomer plus excellent resistance to elongation and tear. TianFilm PA23SL is pigmented yellow for easy identification.



Mechanical Properties:

Parameter	Result
Thickness (μ)	23
Tensile Strength MD (MPa)	39.5
Elongation MD (%)	393
Tensile Strength TD (MPa)	33.8
Elongation TD (%)	547
Puncture Energy (J/m)	7,832
Tear Resistance Nail Method MD (N)	8.8
Tear Resistance Nail Method TD (N)	10.9
Tear Resistance Graves Method MD (N)	2.44
Tear Resistance Graves Method TD (N)	3.35
COF (film to metal, dynamic)	0.37
Density (g/cm ³)	0.98
Yield (m ² /kg)	44.0

Availability:

Thickness: 23μ
 Core Sizes (mm): 76 mm
 Width (mm): Min. <700 mm Max. > 2,000 mm

Storage:

It is recommended that the film products are stored in a cool and dry environment. . Recommended temperature interval of storage is between 10 - 30°C and relative humidity between 35 - 75%. The film products should remain in the packaging until just prior to use. The pallets should not be be stacked.

Warranty disclaimer:

The physical (or chemical) properties of this product represent typical average values obtained in accordance with accepted test methods at the time of manufacture and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Check with the JoBeqs Limited office to assure current information.