



## Enpex FPP (Flexible Polypropylene)

Physical Properties	Test	Typical Value
Nominal thickness		0.75
Thickness tolerance (%)	Maximum -/+	10
Carbon black content (%)		2.5
Density (g/cm <sup>3</sup> )	ASTM D1505	0.908
Melt flow index (g/10 min, 230°C)	ASTM D1238	0.80
Tensile strength at Yield (N/mm <sup>2</sup> )	ASTM D6381V	4.8
- Machine Direction	Modification	3.6
Transversal Direction	NSF-54/91	
Tensile strength at break (N/mm <sup>2</sup> )	ASTM D6381V	22.8
- Machine Direction	Modification	19.8
- Transversal Direction	NSF-54/91	
Elongation at Yield (%)	ASTM D6381V	10
- Machine Direction	Modification	11
Transversal Direction	NSF-54/91	
Elongation at break (%)	ASTM D6381V	860
- Machine Direction	Modification	890
Transversal Direction	NSF-54/91	
Modulus of Elasticity (N/mm <sup>2</sup> )	ASTM D882	140
- Machine Direction		88
Transversal Direction		
Puncture Resistance	FTMS101/2065	170
Tear Resistance	ASTM D1004C	38
- Machine Direction		39
Transversal Direction		
Stress Crack Resistance (hrs)	ASTM D1693	>1500
Oxidative Induction Time (min)	ASTM D3895	> 2000

The typical values refers to results obtained during quality control of various production batches.