



Qplast™ QPH 36F Homopolymer Polypropylene

Qplast[™] QPH 36F is a homopolymer polypropylene specifically developed for spunbond nonwovens, offering excellent spinnability to produce uniform, high-quality fabrics. It is formulated for applications that demand low color and minimal discoloration due to gas fading. QPH 36F is manufactured using a catalyst system free of intentionally-added phthalates.

Supplier

Applications

C.plasť

- Fibers
- Personal Care
- Industrial Applications
- Spunbond Nonwovens
- Packaging

Physical

	Typical Value	(English)	Typical Value	(SI)	Test Method	
Density	0.900	g/cm³	0.900	g/cm³	ASTM D792	
Melt Flow Rate (230°C/2.16 kg)	36	g/10 min	36	g/10 min	ASTM D1238	
Mechanical						
Tensile Strength at Yield	5000	psi	34	MPa	ASTM D638	
Elongation at Yield	10	%	10	%	ASTM D638	
Flexural Modulus — 1% Secant 0.051 in/min (1.3 mm/min) 0.51 in/min (13 mm/min)	201000 234000	psi psi	1390 1610	MPa Mpa	ASTM D790A ASTM D790B	
Impact						
Notched Izod Impact Strength (73°F (23°C))	0.64	ft·lb/in	34	J/m	ASTM D256	
Gardner Impact (-22°F (-30°C))	96.4	in·lb	10.9		ASTM D5420	
Thermal						
DTUL at 66psi — Unannealed	194	°F	90	°C	ASTM D648	
Hardness						
Rockwell Hardness	106		106		ASTM D785	

Disclaimer

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