

Qplast™ QPLD 219FA Low Density Polyethylene

Qplast[™] QPLD 219FA is designed to deliver exceptional clarity, along with impressive strength and stiffness. QPLD 219FA offers excellent impact resistance on both flat and creased film surfaces. Customers choose QPLD 219FA for applications with thin packaging films where enhanced clarity and gloss are key requirements.

Supplier	O plasť		
Additive	Antiblock: 1500 ppm; Slip: 750 ppm		
Applications	Bread BagsProduce BagsTextile Packaging		

Thin Packaging Film

Resin Properties

	Typical Value	(English)	Typical Value	(English)	Test Method	
Density	0.922	g/cm³	0.922	g/cm³	ASTM D1505	
Melt Index (190°C/2.16 kg)	2.0	g/10 min	2.0	g/10 min	ASTM D1238	
Film Properties						
Tensile Strength at Yield MD	1500	psi	10	MPa	ASTM D882	
Tensile Strength at Yield TD	1600	psi	11	MPa	ASTM D882	
Tensile Strength at Break MD	4000	psi	28	MPa	ASTM D882	
Tensile Strength at Break TD	3400	psi	23	MPa	ASTM D882	
Elongation at Break MD	300	%	300	%	ASTM D882	
Elongation at Break TD	400	%	400	%	ASTM D882	
Secant Modulus MD — 1% Secant	25000	psi	172	MPa	ASTM D882	
Secant Modulus TD — 1% Secant	30000	psi	207	MPa	ASTM D882	
Dart Drop Impact	90	g	90	g	ASTM D1709	
Elmendorf Tear Strength MD	360	g	360	g	ASTM D1922	
Elmendorf Tear Strength TD	200	g	200	g	ASTM D1922	
Optical Properties						
Gloss (45°)	70		70		ASTM D2457	
Наге	5.0	%	5.0	%	ASTM D1003	

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