

## Qplast™ QPLD 201SA Low Density Polyethylene

Qplast<sup>™</sup> QPLD 201SA is a homopolymer packaging film designed for exceptional clarity and good stiffness. These resins are compatible with both blown and cast film processing equipment.

Supplier	<b>Q</b> plast		
Additive	Antiblock: 1000 ppm; Slip: 750 ppm; Thermal Stabilizer: Yes		
Applications	<ul> <li>Blend Partner</li> <li>Light Duty Shrink Film</li> <li>Freezer Film</li> <li>Bread Bags</li> <li>Produce Bags</li> <li>High Clarity Film</li> <li>Display Packaging Film</li> <li>Salad Bags</li> </ul>		

- High Quality Lamination
- Food Packaging
- Textile Packaging
- Lamination Film

## **Resin Properties**

	Typical Value	(English)	Typical Value	(English)	Test Method
Density	0.924	g/cm³	0.924	g/cm³	ASTM D1505
Melt Index (190°C/2.16 kg)	2.0	g/10 min	2.0	g/10 min	ASTM D1238
Peak Melting Temperature	234	°F	112	°C	Proprietary Method

## **Film Properties**

1500	psi	1	1	MPa	ASTM D882
1600	psi	1	1	MPa	ASTM D882
3400	psi	23	3	MPa	ASTM D882
2800	psi	10	9	MPa	ASTM D882
180	%	180	С	%	ASTM D882
510	%	510	С	%	ASTM D882
30000	psi	20	7	MPa	ASTM D882
35000	psi	24	1	MPa	ASTM D882
90	g	90	С	g	ASTM D1709A
290	g	290	С	g	ASTM D1922
190	g	190	С	g	ASTM D1922
	1500 1600 3400 2800 180 510 30000 35000 90 290 190	1500         psi           1600         psi           3400         psi           2800         psi           180         %           510         %           30000         psi           35000         psi           90         g           290         g           190         g	1500       psi       1         1600       psi       1         3400       psi       2         2800       psi       1         180       %       180         510       %       510         30000       psi       20         35000       psi       24         90       g       90         290       g       290         190       g       190	1500       psi       11         1600       psi       11         3400       psi       23         2800       psi       19         180       %       180         510       %       510         30000       psi       207         35000       psi       241         90       g       90         290       g       290         190       g       190	1500 psi       11 MPa         1600 psi       11 MPa         3400 psi       23 MPa         2800 psi       19 MPa         180 %       180 %         510 %       510 %         30000 psi       207 MPa         35000 psi       241 MPa         90 g       90 g         190 g       190 g

## **Optical Properties**

Gloss (45°)	78	78	ASTM D2457
Haze	5.0 %	5.0 %	ASTM D1003
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