AMTOPP HD18

Polypropylene

Inteplast Group

Message:

Matte Finish CoEx Heat Sealable

BIAXIALLY ORIENTED POLYPROPYLENE FILM ONE SIDE SEALABLE FOR FOOD PACKAGING

Uses Film Food Packaging Physical Nominal Value Unit Dimensional Stability 1 Across Flow, 130°C <3.0 %0 Flow, 130°C <5.0 %0 Mechanical Nominal Value Unit Test Method Opriamic 0.25 Static 0.35 Static 0.35 Stati Method Film Thickness - Tested 18 µm MD: Yield 117 MPa ASTM D1894 MD: Yield 207 MPa MD: Straak 190 % MD: Break 190 % MD: Break 7.0 g/m²/24 hr ASTM D1249 Yield ² 62.6 m²/kg ASTM F1249 Yield ² 62.6 m²/kg	
PhysicalNominal ValueUnitDimensional Stability 1<Across Flow, 130°C<3.0Flow, 130°C<5.0MechanicalNominal ValueUnitOpmanic0.2Coefficient of FrictionStatic0.35FlimsNominal ValueUnitFlimsNominal ValueUnitFilmsNominal ValueUnitFilmsNominal ValueUnitFilmsNominal ValueUnitFilmsNominal ValueUnitFilmsNominal ValueUnitFilmsNominal ValueUnitFilmsNominal ValueUnitFilms18umFilms17MPaTo Yield17MPaTo Yield107MPaIm Di Strangtion%To Strangtion%To Strangtion%MD: Straak190%MD: Straak70.3m/m/24 hrMorizer Vapor Transmission Rate (38°C,90%) RH)7.0m/m/24 hrYield 262.6m/kgFilms Stangtion"CKet Vapor Transmission Rate (38°C,90%) RH)%Yield 262.6m/kgFilms Stangtion%Ket Stangtion%Ket Stangtion%Ket Stangtion%Ket Stangtion%Ket Stangtion%Ket Stangtion%Ket Stangtion%Ket Stangtion% <t< th=""><th></th></t<>	
Dimensional Stability ¹ Signed Stability ¹ Across Flow, 130°C < 3.0	
Dimensional Stability 1Across Flow, 130°C< 3.0	
Across Flow, 130°C< 3.0%How, 130°C< 5.0%MechanicalNominal ValueUnitTest MethodCoefficient of Friction.ASTM D1894Opnamic0.25Static0.35FlmsNominal ValueUnitTest MethodFilmsNominal ValueMpASTM D882MD : Yield117MPaASTM D882MD: Break190%CMater Vapor Transmission Rate (38°C, 90% KieldMpMpYield7.0g/m²/24 hrASTM F1249Yield62.6m²/kgMpYield62.6m²/kgMpHeat Seal Temperature - Untreeted side ³ 116°CSurface Energy40MpercenASTM D2578	
MechanicalNominal ValueUnitTest MethodCoefficient of FrictionASTM D1894Opnamic0.25Static0.35FilmsNominal ValueUnitFilmsNominal ValueUnitFilmsNominal ValueUnitFilms18µmTensile Strength117MPaTD: Yield207MPaTensile Elongation190%MD: Break190%TD: Strength7.0%Yater Vapor Transmission Rate (38°C, 90%) RH7.0g/m²/24 hrYield 262.6m²/kgYield 2116°CSurface Energy40dyne/cm	
Coefficient of Friction ASTM D1894 Dynamic 0.25 Static 0.35 Films Nominal Value Unit Test Method Film Thickness - Tested 18 µm STM D1892 Tensile Strength 117 MPa ASTM D882 MD: Yield 207 MPa STM D882 MD: Break 190 % STM D882 MD: Break 70 % STM D882 Vater Vapor Transmission Rate (38°C, 90%) % STM F1249 Yield ² 62.6 m²/24 hr ASTM D2578	
Dynamic0.25Static0.35FilmsNominal ValueUnitTest MethodFilm Thickness - Tested18µmTensile StrengthIT7MPaTD: Yield207MPaTD: Yield207MPaTensile Elongation%IT0MD: Break190%TD: Break70%Water Vapor Transmission Rate (38°C, 90%)70gm²/24 hrASTM F1249Yield ²62.6m²/kgASTM F1249Yield ²116°CIto Stim D2578Surface Energy40dyne/cmASTM D2578	
Static 0.35 Films Nominal Value Unit Test Method Film Thickness - Tested 18 µm ASTM D882 Tensile Strength 117 MPa ASTM D882 MD: Yield 117 MPa Tensile Elongation ASTM D882 TD: Yield 207 MPa ASTM D882 MD: Break 190 %a Tensile Elongation MD: Break 190 %a Tensile Strength Vater Vapor Transmission Rate (38°C, 90%) 7.0 g/m²/24 hr ASTM F1249 Yield ² 62.6 m²/kg ASTM F1249 Heat Seal Temperature - Untreated side ³ 116 °C Surface Energy 40 dyne/cm ASTM D2578	
FilmsNominal ValueUnitTest MethodFilm Thickness - Tested18 μ mTensile Strength17ASTM D882MD: Yield117MPaTD: Yield207MPaTensile ElongationVASTM D882MD: Break190%TD: Break70%1Water Vapor Transmission Rate (38°C, 90%) RH $^{-1}$ $p^{2}/24 hr$ ASTM F1249Yield 2 62.6 m^{2}/kg Heat Seal Temperature - Untreated side 3 116°CSurface Energy40dyne/cmASTM D2578	
Film Thickness - Tested 18 μm Tensile Strength ASTM D882 MD : Yield 117 MPa TD : Yield 207 MPa Tensile Elongation V ASTM D882 MD : Break 190 % TD : Break 70 % TD : Break 70 % Yield ² 62.6 m²/24 hr ASTM F1249 Yield ² 62.6 m²/kg STM F1249 Heat Seal Temperature - Untreated side ³ 116 °C	
Tensile Strength ASTM D882 MD: Yield 117 TD: Yield 207 MD: Break 207 MD: Break 190 MD: Break 190 TD: Streak 70 MD: Break 62.6 MD: Seal m²/24 hr ASTM F1249 Yield ² 62.6 Mot Seal Temperature - Untreated side ³ MO: Seal Temperature - Untreated side ³ 116 Surface Energy 40	
MD: Yield 117 MPa TD: Yield 207 MPa TD: Yield 207 MPa To: Sile Elongation ASTM D882 MD: Break 190 % TD: Break 70 % Water Vapor Transmission Rate (38°C, 90%) 7.0 g/m²/24 hr ASTM F1249 Yield ² 62.6 m²/kg - Heat Seal Temperature - Untreated side ³ 116 °C Surface Energy 40 dyne/cm ASTM D2578	
TD: Yield207MPaTo: Steak190%TD: Break70%Water Vapor Transmission Rate (38°C, 90%)70%Yield 262.6m²/24 hrASTM F1249Field 2116°CSurface Energy40dyne/cmASTM D2578	
Implement ASTM D882 MD: Break 190 % TD: Break 70 % Water Vapor Transmission Rate (38°C, 90% g/m²/24 hr ASTM F1249 Yield ² 62.6 m²/kg STM F1249 Heat Seal Temperature - Untreated side ³ 116 °C STM D2578	
MD: Break190%TD: Break70%Water Vapor Transmission Rate (38°C, 90% RH)7,0g/m²/24 hrASTM F1249Yield 262.6m²/kgHeat Seal Temperature - Untreated side 3116°CSurface Energy40dyne/cmASTM D2578	
TD : Break70%Water Vapor Transmission Rate (38°C, 90% RH)7.0g/m²/24 hrASTM F1249Yield ²62.6m²/kg-Heat Seal Temperature - Untreated side ³116°C-Surface Energy40dyne/cmASTM D2578	
Water Vapor Transmission Rate (38°C, 90% RH)7.0g/m²/24 hrASTM F1249Yield ²62.6m²/kgHeat Seal Temperature - Untreated side ³116°CSurface Energy40dyne/cmASTM D2578	
RH)7.0g/m²/24 hrASTM F1249Yield ²62.6m²/kgHeat Seal Temperature - Untreated side ³116°CSurface Energy40dyne/cmASTM D2578	
Yield 262.6m²/kgHeat Seal Temperature - Untreated side 3116°CSurface Energy40dyne/cmASTM D2578	
Heat Seal Temperature - Untreated side 3116°CSurface Energy40dyne/cmASTM D2578	
Surface Energy 40 dyne/cm ASTM D2578	
Optical Nominal Value Unit Test Method	
Haze 73 % ASTM D1003	
NOTE	
1. 5 minutes	
2. Internal Method	
3. 1/2 sec, 30 PSI	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

