

SOLKANE® 365/Cp

Co-Blowing for Reefer Production

SOLKANE®



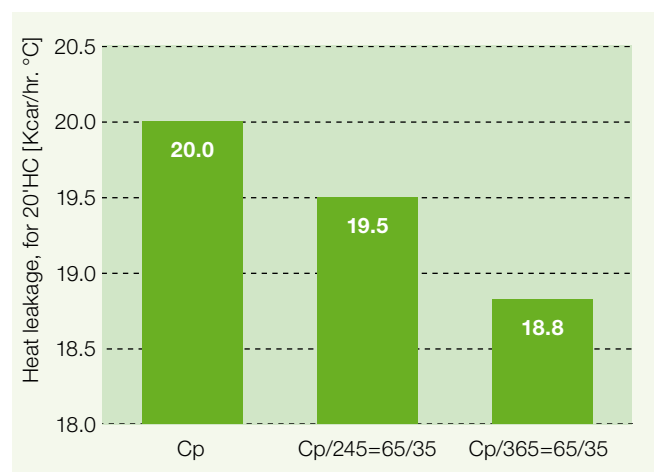
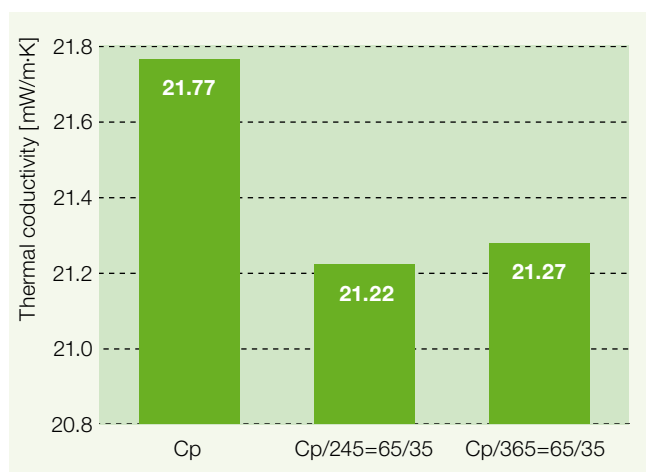
SOLKANE® 365/Cp co-blowing is the alternative of choice for reefer production when replacing 141b. The benefit of working with SOLKANE® 365/Cp is its ability to contribute to lower energy consumption and its affordability regarding the initial investment of reefer container production. A minimal modification of foaming facility is required.

Foam physical property

Blowing agent	Unit	Cp	365/Cp	245/Cp
Filling density	kg/m ³	50	50	50
λ	mW/m·K	21.77	21.27	21.22
Close cell	%	96.43	95.85	95.68
Comp. Sth	Kpa //	255.82	276.99	276.07
Comp. Sth	⊥	229.26	231.74	238.58
Dimension stability				
-30 °C, 95 % RH, 24 Hr	%	0.205	0.210	0.064
+70 °C, 95 % RH, 24 Hr, RF 55	%	0.836	0.301	0.410
0 °C, 95 % RH, 24 Hr	%	3.233	2.751	2.411

Energy efficiency

SOLKANE® 365/Cp demonstrates better thermal conductivity and the most uniform density distribution (the density difference between the highest point and the lowest point is around 2~3 kg/m³), SOLKANE® 365/Cp co-blowing also shows the lowest heat leakage of reefer container production for energy savings.



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Mechanical strength and dimension stability

SOLKANE® 365/Cp demonstrates higher compressive strength and a small dimension change ratio at high temperatures (70 °C), SOLKANE® 365/Cp co-blowing is a better choice to prolong the reefer container's working life.

