

OTR of Various Film Samples

OTR of “Soarnol™” film and other film samples is shown below.
 (20 degree C, Dry Condition)

Sample	OTR	
	cc·20μ/m ² ·day·atm	cc·mil/100in ² ·day·atm
Soarnol D,DT(29mol%)	<0.1	<0.005
Soarnol DC(32mol%)	0.1	0.005
Soarnol E,ET(38mol%)	0.4	0.020
Soarnol A,AT(44mol%)	1.3	0.066
LDPE	7,900	401
HDPE	3,600	183
Polypropylene(PP)	3,900	198
Biaxially Oriented PP	2,300	117
Biaxially Oriented PS	3,900	198
Polycarbonate(PC)	4,500	229
PVC :Rigid	130	6.6
PVC :DOP=30%	2,000	102
Extrudable high barrier PVDC	3.0	0.15
PET	69	3.5
Polyamide(Nylon6)	76	3.9
Biaxially Oriented Nylon	23	1.2
Modified Polyacrylonitrile	16	0.81
Biaxially Oriented PVA	<0.10	<0.005