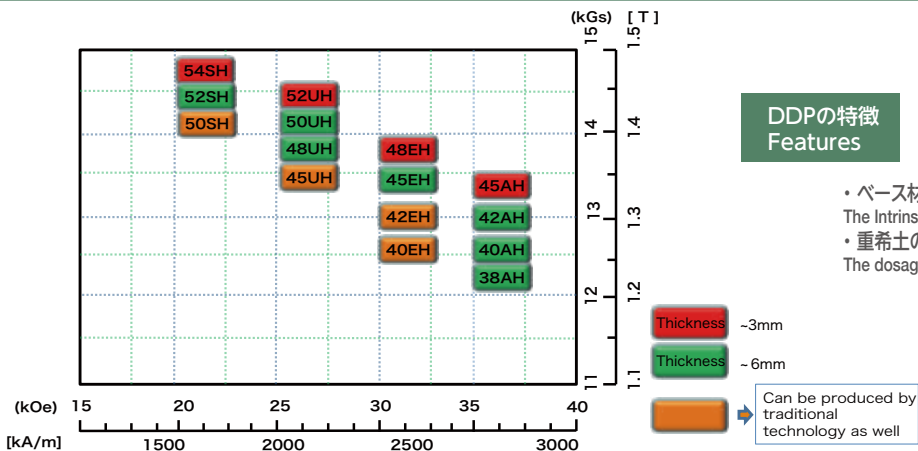


# 重希土Dy、Tbの拡散技術 DDP-Dy,Tb (Heavy Rare Earth) Diffusion Process



## DDPの特徴 Features

- ベース材に対して、保磁力の7kOe向上を実現  
The Intrinsic Coercive Force will be highly improved up by 7kOe.
- 重希土の使用量を大幅に減らすことでコストを抑制  
The dosage of heavy rare earth metal will be gratefully reduced.

Thickness ~3mm

Thickness ~6mm

Can be produced by traditional technology as well

グレード Grade	残留磁束密度 Br		保磁力				最大磁気エネルギー積 (BH)max	
			Hcb		Hcj			
	T	kGs	kA/m	kOe	kA/m	kOe	kJ/m <sup>3</sup>	MGOe
DDP-54SH	1.45-1.48	14.5-14.8	≥1140	≥14.3	≥1592	≥20	420-428	51-54
DDP-52SH	1.42-1.45	14.2-14.5	≥1059	≥13.3	≥1592	≥20	390-422	49-51
DDP-50SH	1.40-1.45	14.0-14.5	≥1043	≥13.1	≥1592	≥20	374-406	47-51
DDP-52UH	1.42-1.45	14.2-14.5	≥1059	≥13.3	≥1990	≥25	390-422	49-51
DDP-50UH	1.40-1.45	14.0-14.5	≥1043	≥13.1	≥1990	≥25	374-406	47-51
DDP-48UH	1.37-1.43	13.7-14.3	≥1011	≥12.7	≥1990	≥25	358-390	45-49
DDP-45UH	1.33-1.37	1.33-1.37	≥989	≥12.4	≥1990	≥25	334-366	42-46
DDP-48EH	1.37-1.43	13.7-14.3	≥1011	≥12.7	≥2388	≥30	358-390	45-49
DDP-45EH	1.33-1.37	1.33-1.37	≥989	≥12.4	≥2388	≥30	334-366	42-46
DDP-42EH	1.31-1.35	13.1-13.5	≥974	≥12.2	≥2388	≥30	318-350	40-44
DDP-40EH	1.26-1.32	12.6-13.2	≥939	≥11.8	≥2388	≥30	302-334	38-42
DDP-45AH	1.33-1.37	1.33-1.37	≥989	≥12.4	≥2786	≥35	334-366	42-46
DDP-42AH	1.31-1.35	13.1-13.5	≥974	≥12.2	≥2786	≥35	318-350	40-44
DDP-40AH	1.26-1.32	12.6-13.2	≥939	≥11.8	≥2786	≥35	302-334	38-42
DDP-38AH	1.22-1.29	12.2-12.9	≥915	≥11.5	≥2786	≥35	287-318	36-40